

**A
PROJECT
ON**

“Test Your Knowledge”

Submitted to

Shiksha Mandal's

**G. S. COLLEGE OF COMMERCE & ECONOMICS, NAGPUR
(AUTONOMOUS)**

In the Partial Fulfillment of

B.Com.(Computer Application) Final Year

Submitted by

Sumit Kanojiya

Rewa Bawangade

Under the Guidance of

Pravin J. Yadao



Shiksha Mandal's

**G. S. COLLEGE OF COMMERCE & ECONOMICS, NAGPUR
(AUTONOMOUS)**

2022-2023

Shiksha Mandal's

G. S. COLLEGE OF COMMERCE & ECONOMICS, NAGPUR
(AUTONOMOUS)

CERTIFICATE

(2022 - 2023)

This is to certify that Mr Sumit Kanojiya and Miss Rewa Bawangade has completed their project on the topic of "Test Your Knowledge" prescribed by G. S. College of Commerce & Economics, Nagpur (Autonomous) for B.Com. (Computer Application) – Semester-VI.

Date:

Place: Nagpur

Pravin J. Yadao

Project Guide

External Examiner

Internal Examiner

ACKNOWLEDGEMENT

We take this opportunity to express our deep gratitude and whole hearted thanks to project guide Prof. Pravin Yadao, Coordinator for his guidance throughout this work. We are very much thankful to him for his constant encouragement, support and kindness.

We are also grateful to our teachers Prof. Rahul Tiwari, Prof. Sushma Gawande, Prof. Preeti Rangari, Prof. Prajkta Deshpande and Prof. Haresh Naringe for their encouragement, help and support from time to time.

We also wish to express our sincere thanks to Principal Dr. N. Y. Khandait for providing us wide range of opportunities, facilities and inspiration to gather professional knowledge and material without which this project could not have been completed.

1. Sumit Kanojiya

2. Rewa Bawangade

Date:

Place: Nagpur

DECLARATION

We **Sumit Kanojiya and Rewa Bawangade** hereby honestly declare that the work entitled “**Test of knowledge**” submitted by us at G. S. College of Commerce & Economics, Nagpur (Autonomous) in partial fulfillment of requirement for the award of B.Com. (Computer Application) degree by Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur has not been submitted elsewhere for the award of any degree, during the academic session 2021-2022.

The project has been developed and completed by us independently under the supervision of the subject teacher and project guide.

1. Sumit Kanojiya

2. Rewa Bawangade

Date:

Place: Nagpur

INDEX

Sr.No.	Project Report Format	Page No.
1.	Introduction	6-7
2.	Objectives	8-10
3.	Preliminary System Analysis 3.1 Preliminary Investigation 3.2 Present system in use 3.3 Flaws in present system 3.4 Need of new system 3.5 Feasibility study	11-14
4.	Project Category	15-19
5.	Software and Hardware Specification Requirement	20-22
6.	Detailed System Analysis Data Flow Diagram Data structure and tables	23-25
7.	System Design 7.1 Form design 7.2 Source code 7.3 Input and output screens	26-182
8.	Testing and validation checks	183-184
9.	System Security Measures	185-186
10.	Implementation, Evaluation and Maintenance	187-189
11.	Future Scope of the project	190-191
12.	Conclusion	192-193
13.	Bibliography and Reference	194-195
14.	Synopsis	196-197

INTRODUCTION

- A quiz based on a programming language can be an effective way to assess your knowledge of a particular programming language or programming concepts. Programming quizzes can be used by educators to evaluate the understanding of their students or by employers to assess the skills of job candidates.
- A programming quiz can cover a variety of topics related to the language, including syntax, data types, control structures, functions, and object-oriented programming concepts. The quiz questions can be in the form of multiple choice, true or false, fill in the blanks, or coding exercises.
- Quizzes can be designed for different levels of proficiency, from beginners to advanced programmers. They can also be timed or untimed, and the results can be used to track progress, identify knowledge gaps, and plan further learning.
- Programming quizzes are an effective way to practice coding and reinforce learning. They can help you identify areas where you need to improve and can also help you prepare for coding interviews and exams.
- In summary, a programming quiz can be a valuable tool for testing your knowledge of a programming language and can help you improve your coding skills.
- So, the “TEST OF KNOWLEDGE” is developed to help students to judge and practicing their educational knowledge through MCQ based pattern.
- “TEST OF KNOWLEDGE” provides quiz on educational topics where students can give MCQ’s test and also get to know the scores.
- The main goal is to enable user to know their knowledge of Programming language.

This Quiz includes quiz on various Programming language

OBJECTIVE

- **programming knowledge:** A quiz can be used to test the knowledge of programming concepts, syntax, and best practices related to a specific programming language.
- **Identifying strengths and weaknesses:** A programming language quiz can help learners identify their strengths and weaknesses in specific areas of programming, allowing them to focus their efforts on areas where they need improvement.
- **Reinforcing learning:** Quizzes can help learners reinforce their understanding of programming concepts and syntax by providing opportunities to apply their knowledge in practice questions.
- **Evaluating programming proficiency:** A quiz can be used to evaluate the proficiency of learners in a specific programming language, helping them to assess their level of expertise and identify areas where they need improvement.
- **Preparing for certification exams:** Quizzes can be used to help learners prepare for certification exams in a specific programming language by simulating exam conditions and providing feedback on areas where they need improvement.
- **Engage learners:** Quizzes can be a fun and interactive way to engage learners and encourage participation. They can also help to break up long lectures or training sessions and keep participants motivated.

- **Evaluate performance:** Quizzes can be used to evaluate the performance of learners and to measure the effectiveness of a training program or learning initiative.

Overall, the objectives of a quiz based on programming languages should be aligned with the goals of the learners and the learning program, and should be designed to provide meaningful feedback and support to learners as they develop their programming skills.

PRELIMINARY SYSTEM ANALYSIS

PRELIMINARY INVESTIGATION

The main objectives of preliminary analysis is to identify the customer's needs, evaluate system concept for feasibility, perform economic and technical analysis, perform cost benefit analysis and create system definition that forms the foundation for all subsequent IT works. There should be enough expertise available for hardware and software for doing analysis.

Preliminary investigation makes it clear for the development team on whether a new system is needed or not. It is also made clear in preliminary investigation that what are the flaws in the current system in lagging and how can we improvise while creating the application or websites.

PRESENT SYSTEM USE

Programming quiz websites are often used to assess a programmer's knowledge of a specific language or technology. Employers may use these websites to test job applicants' programming skills before making a hiring decision.

Programming quiz websites can also be used for competition, with users competing against each other to see who can answer the most questions correctly or complete the quiz in the shortest amount of time.

Programming quiz websites can be used as a tool for learning programming concepts and languages which can help learners improve their skills.

FLAWS IN THE CURRENT SYSTEM

Many programming quiz websites only cover a limited range of topics or programming languages. This can be a problem for learners who need to develop a broad range of skills or who need to learn a language or technology that is not covered by the quiz website.

Programming quiz questions are often presented in isolation, without any context or real-world application. This can make it difficult for learners to understand how the concepts they are learning are applied in real-world programming scenarios.

Most programming quiz websites rely on multiple-choice questions or simple coding challenges, which may not provide enough interactivity or engagement for some learners.

NEED OF NEW SYSTEM

Programming quiz websites are often used to assess a programmer's knowledge of a specific language or technology.

Programming quiz websites can be used as a tool for learning programming concepts and languages. Programming quiz websites can also be used for competition, with users competing against each other to see who can answer the most questions correctly or complete the quiz in the shortest amount of time. Overall, programming quiz websites are a valuable resource for programmers, employers, and learners alike, helping to assess knowledge, improve skills, and provide certification. This application will be user-friendly as it provides a Graphical User Interface to the user to perform every activity.

FEASIBILITY STUDY:

A feasibility study is an analysis done to determine the viability of a project from an economical, legal, and technical perspective. Simply put, it gives us an insight into whether a project is doable or worth the investment. It helps to determine whether the project is both possible and profitable for the company to undertake. Hence, this study is mandatorily done before technical development and project execution.

1. TECHNICAL FEASIBILITY: This study takes stock of the technical resources available to undertake a project from an organization's perspective. It includes ensuring that the technical resources are adequate, and the hardware and software requirements are met. Technical feasibility will also include if proven technologies and methodologies exist to support the proposed development. The "Online Learning System" requires xampp server to run on any system.

2. ECONOMICAL FEASIBILITY: In Economic Feasibility study cost and benefit of the project is analyzed. Means under this feasibility study a detail analysis is carried out what will be cost of the project for development which includes all required cost for final development like hardware and software resource required, design and development cost and operational cost and so on. After that it is analyzed whether project will be beneficial in terms of finance for organization or not. "Online Learning System" is affordable for all the users.

BEHAVIOUR FEASIBILITY: It is the natural observation. When the new system replaces the existing manual system then what will be the reaction of the users. It is the significant factor to know the reaction of the Students, Teachers and Admin as they are one who can give feedback and judge the working of the new system.

PROJECT CATEGORY

PROJECT CATEGORY

In this project “Test Of Knowledge”, we use HTML ,PHP languages as frontend and for styling of website we use CSS.

HTML (Hyper Text Markup Language):

HTML stands for Hyper Text Markup Language. It is used to design webpages using markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between the web pages. A markup language is used to define the text document withintag which defines the structure of web pages. This language is used annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly. Most markup languages (e.g. HTML) are human-readable. The language uses tags to define what manipulation has to be done on the text. HTML is a markup language used by the browser to manipulate text, images, and other content, in order to display it in the required format. The Hyper Text Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. Hyper Text Markup Language (HTML) is the set of markup symbols or codes inserted into a file intended for display on the Internet. The markup tells web browsers how to display a web page's words and images. Each individual piece of markup code (which would fall between "<" and ">" characters) is referred to as an element, though many people also refer to it as a tag.

HTML tags :-

<HTML>: The <HTML> element is the root element of an HTML page. HTML document starts and end with an <HTML> tag. Once you open an <HTML> tag you are expected to close it by calling </HTML> tag.

<HEAD>: The <HEAD> element contains Meta information about the HTML page. To create a head element start with <head> then include all of the elements you want in your head section, then end the head element with a </head> tag.

<TITLE>: The <TITLE> element specifies a title for the HTML page (which is shown in

the browser's title bar or in the page's tab).

<BODY>: The <BODY> element defines the document's body, and is a container for all

the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc. The real content for any HTML document occurs in the body section, which is enclosed between <BODY> and </BODY> tags.

CSS (Cascading Style Sheets):

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page. CSS is easy to learn and understood, but it provides powerful control over the presentation of an HTML document. Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page. CSS is easy to learn and

understood, but it provides powerful control over the presentation of an HTML document. A CSS comprises style rules that are interpreted by the browser and then applied to the corresponding elements in your document. A style rule set consists of a selector and declaration block.

There are three types of CSS which are given below:

- Inline CSS
- Internal or Embedded CSS
- External CSS

PHP(Personal Home Page):-

PHP means – Personal Home Page, but it now stands for the recursive backronym PHP: Hypertext Preprocessor. PHP code may be embedded into HTML code, or it can be used in combination with various web template systems, web content management system and web frameworks. A PHP file can also contain tags such as HTML and client-side scripts such as JavaScript.

- HTML is an added advantage when learning PHP Language. You can even learn PHP without knowing HTML but it's recommended you at least know the basics of HTML.
- Database management systems DBMS for database powered applications.
- For more advanced topics such as interactive applications and web services, you will need JavaScript and XML.

JAVASCRIPT :-

JavaScript initially created to “make web pages alive”.The programs in this language are called *scripts*. They can be written right in a web page’s HTML and run automatically as the page loads. Scripts are provided and executed as plain text. They don’t need special preparation or compilation to run. In this aspect, JavaScript is very different from another language called Java. When JavaScript was created, it initially had another name: “LiveScript”. But Java was very popular at that time, so it was decided that positioning a new language as a “younger brother” of Java would help.

But as it evolved, JavaScript became a fully independent language with its own specification called ECMA Script, and now it has no relation to Java at all.

MySQL –

- MySQL is a database system used for developing web-based software applications.
- MySQL used for both small and large applications.
- MySQL is a relational database management system (RDBMS).
- MySQL is fast, reliable, and flexible and easy to use.
- MySQL supports standard SQL (Structured Query Language).
- MySQL is free to download and use.
- MySQL was developed by Michael Widenius and David Axmark in 1994.
- MySQL is presently developed, distributed, and supported by Oracle Corporation.
- MySQL Written in C, C++.

SOFTWARE AND HARDWARE REQUIREMENT SPECIFICATIONS:

SOFTWARE

Every website and application needs Software in which they can be executed and Hardware to perform the functions and operations effectively. Some Websites and applications are not compatible with all the devices having different hardware and software configurations. Some websites and application requires a specific platform to execute the operation, some websites are not compatible with all the browsers as we have so many browsers available in the market like Internet Explorer, Google Chrome, Mozilla Firefox, etc. Some features are not supported by all the browsers, hence the right browser should be selected for the operation. Some needs servers as PHP requires Xampp, Wamp server. This is in contrast to physical Hardware, from which the system is built and actually performs the operation. Following are the Software specification which are required for the execution of this website on the user's device:

SOFTWARE REQUIREMENTS:

Browsers :-

Internet Explorer

Google Chrome

XAMPP

OPERATING SYSTEM:-

Windows 7

Windows 10

HARDWARE

Hardware is the term that refers to all the physical parts that make up the computer i.e. the internal hardware devices. Various devices which are essential to form a hardware is called as Components. Similar to software, these websites or applications require certain configurations in the hardware to execute the operation. The speed of the Processor, utilization of RAM, available space in the Hard-Disk affect the execution and performance of the Website.

Following are the Hardware specification which are required for the execution of this website on the user's device:

HARDWARE REQUIREMENTS

RAM :- 4GB

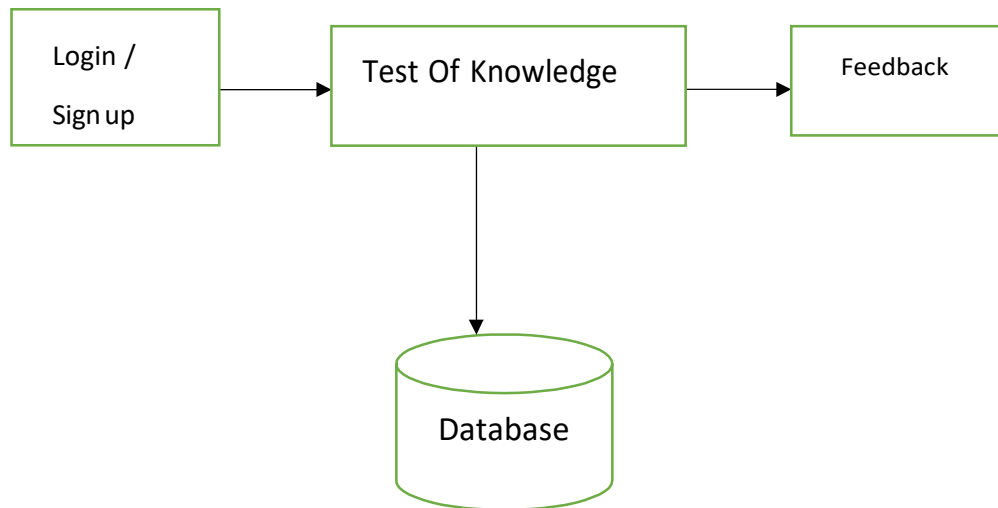
HARDWARE :- 500GB Hard Disk or More

INPUT :- Keyboard and Mouse

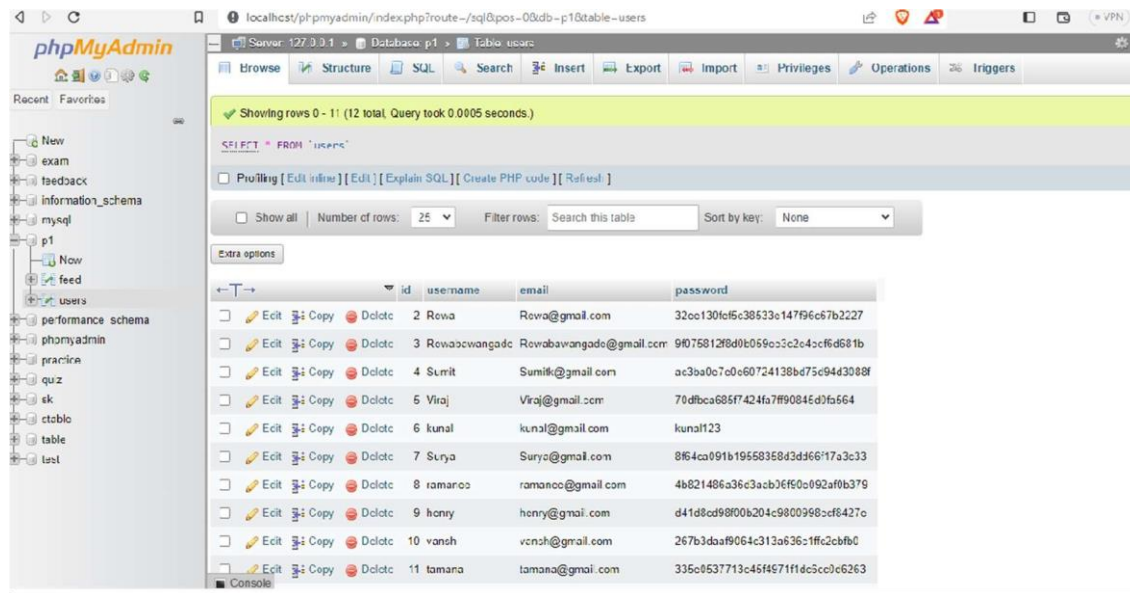
Processor :- Processor (CPU) with 2 gigahertz (GHz) frequency or Above

DETAILED SYSTEM ANALYSIS

Data Flow Diagram:-



Data Structure and Table :-



The screenshot shows the phpMyAdmin interface for a database named 'p1'. The 'Table: users' is selected, and the 'Structure' tab is active. The table has 11 rows of data. The columns are 'id', 'username', 'email', and 'password'. The data is as follows:

id	username	email	password
2	Rewa	Rewa@gmail.com	32cc130cf5c38533c147f96c67b2227
3	Rewabavangade	Rewabavangade@gmail.com	9d075812f8d0b059c5c2c4c4c6d681b
4	Sumit	Sumit@gmail.com	ac3ba0c7c0c60724138bd75c94d3088f
5	Viraj	Viraj@gmail.com	70dfbca685f7424fa7f90846d7fa564
6	kunal	kunal@gmail.com	kunal123
7	Surya	Surya@gmail.com	8f64ca091b19558358d3d46617a3c33
8	ramarao	ramarao@gmail.com	4b821486a36c3ac636f60c092af0b379
9	henry	henry@gmail.com	d41d8cd98f00b204c9800998c4f6427c
10	vansh	vansh@gmail.com	267b3daaf9064c313a636c1ffc2c6fb0
11	tamara	tamara@gmail.com	335c0537713c45f4571f1dc5cc0c6263

This is the data structure table of Registration form which shows the number of users who registered to use the website . This data structure table stores the information about the user like name , password and E-mail.

Feedback Form Data Structure:-

The screenshot shows the phpMyAdmin interface. The left sidebar displays a database tree with 'p1' selected. The main panel shows the 'feedback' table structure and data. The table has columns: id, username, email, and feedback. Two rows of data are visible.

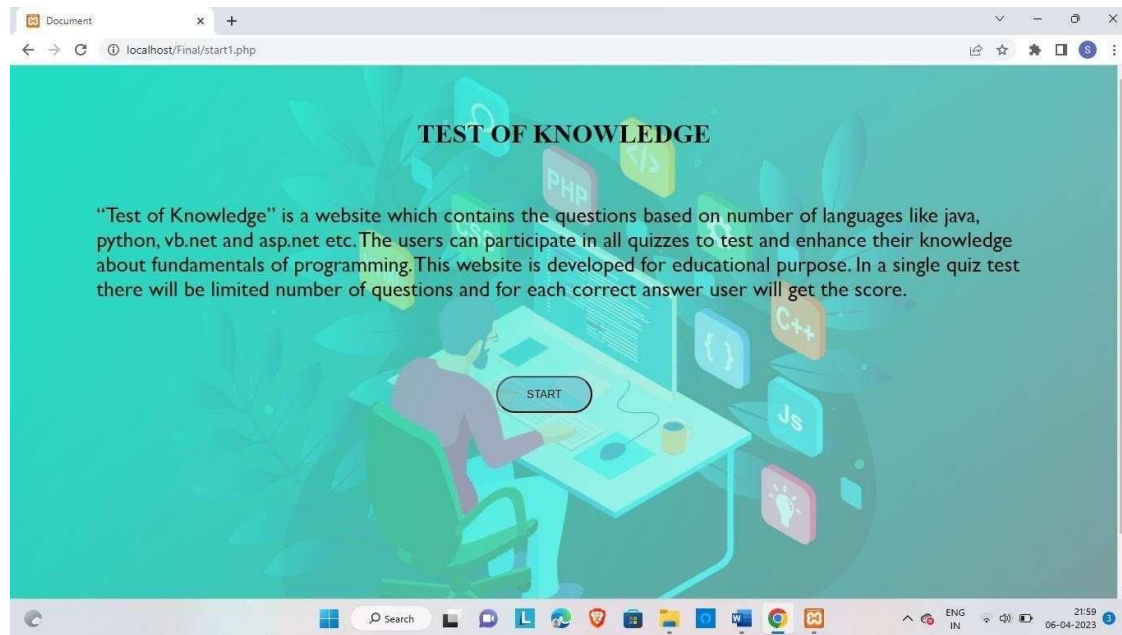
	id	username	email	feedback
☐	1	Sumit	sumitkanojya2902@gmail.com	
☐	2	Vinay	vinay@gmail.com	comments section

This is the data structure table of Feedback form page which shows the user reviews of the website . This data structure table stores the feedback and information of the user like name , password , E-mail and their reviews

SYSTEM DESIGN

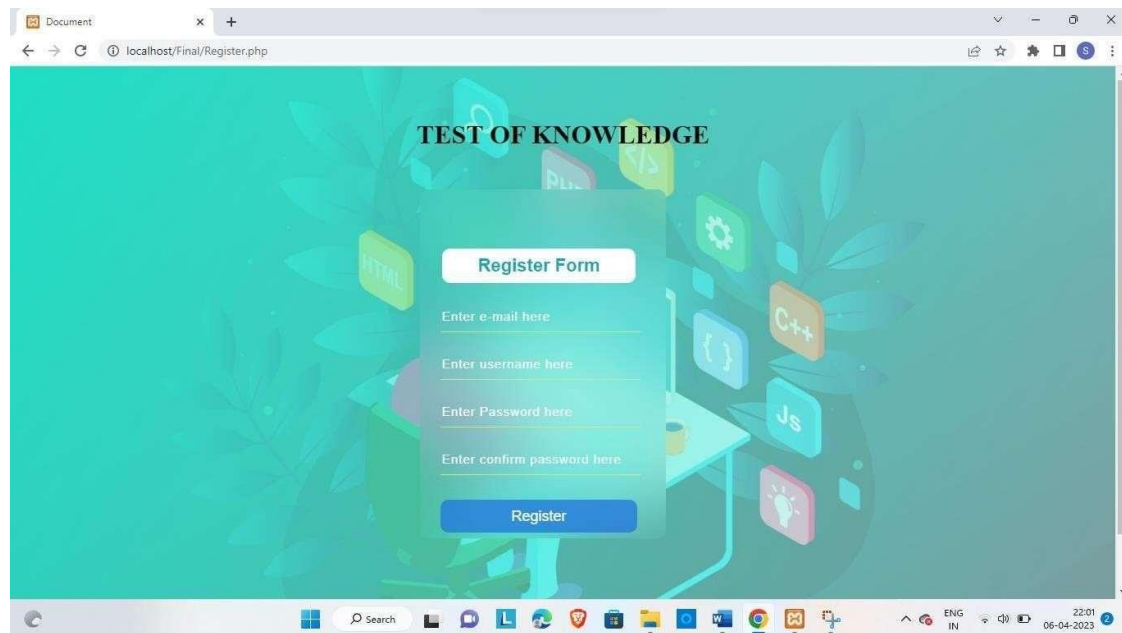
Form Design:-

Start Page :-



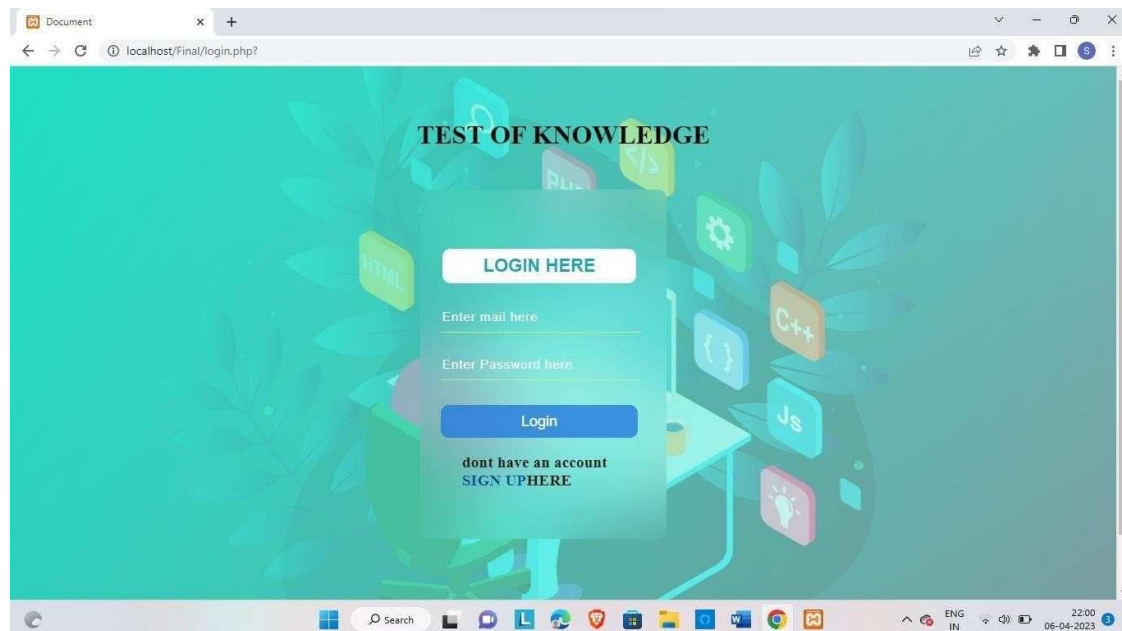
This is the start page from user can Start the Website

Register Page :-



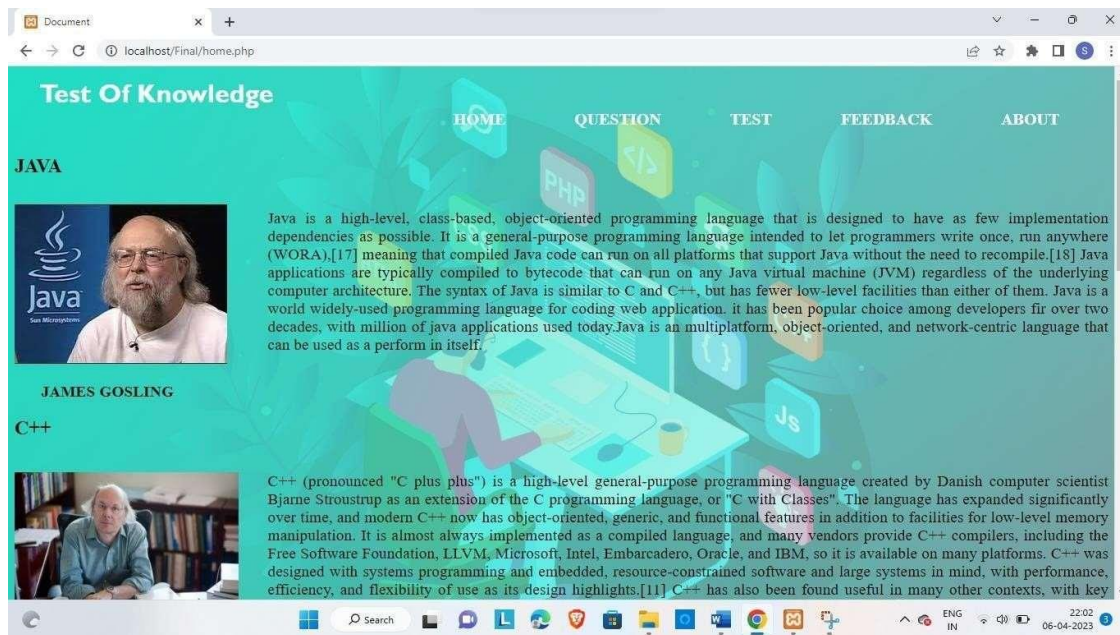
This is the Registration form page where the new users can register .

Login Page :-



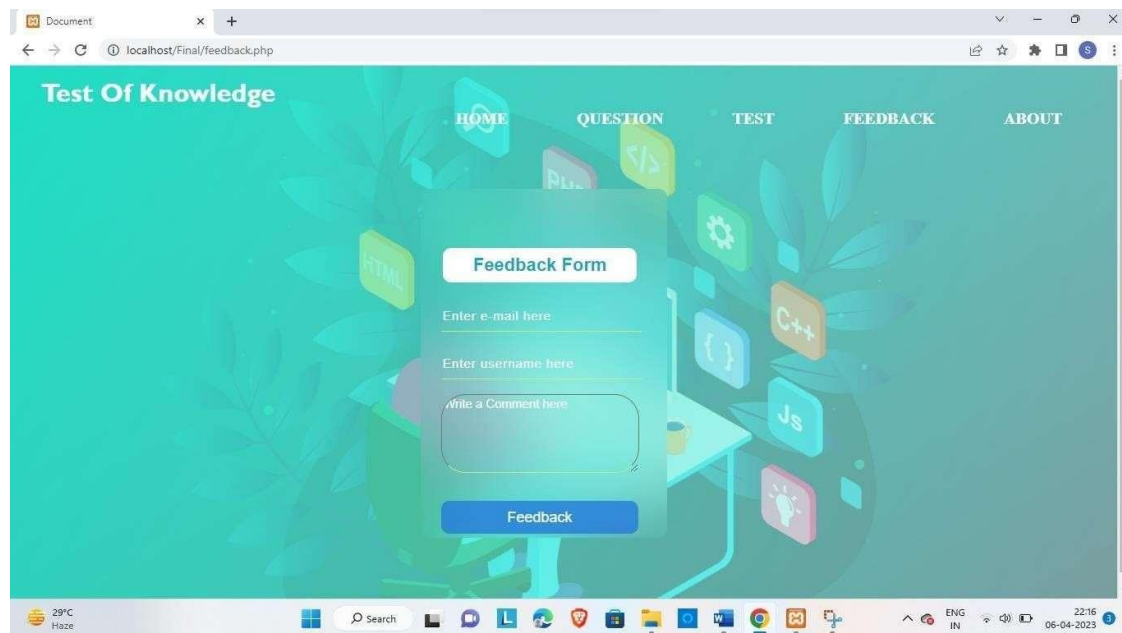
This is the Login page where all the registered users can login to “Mythological Importance” Website .

Home Page :-



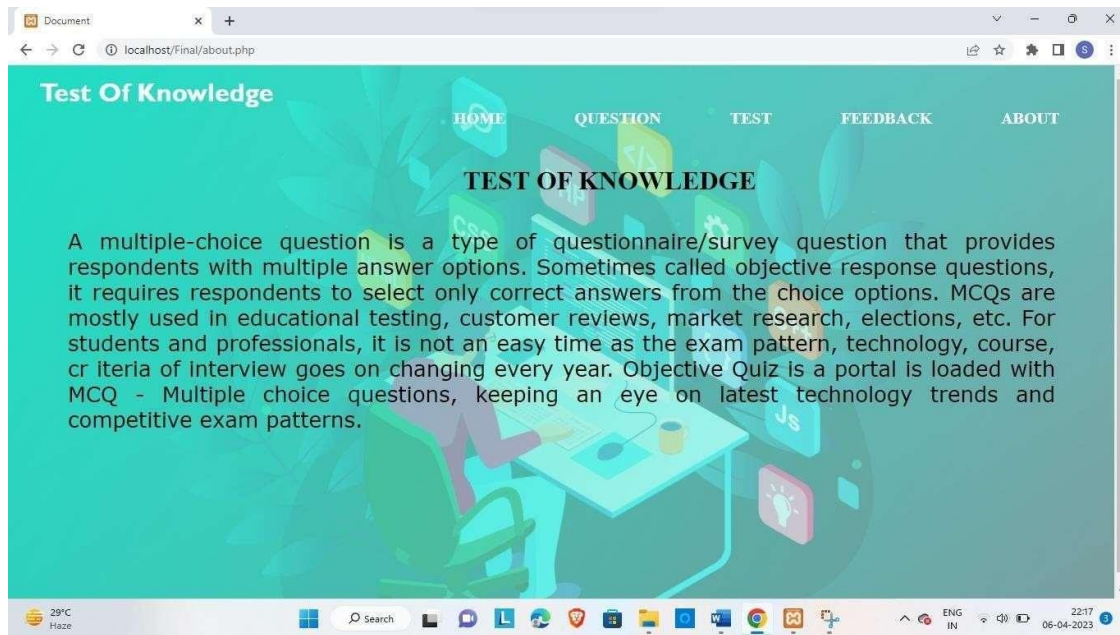
This is the Home page which is the first page after logging into the website

Feedback Page :-



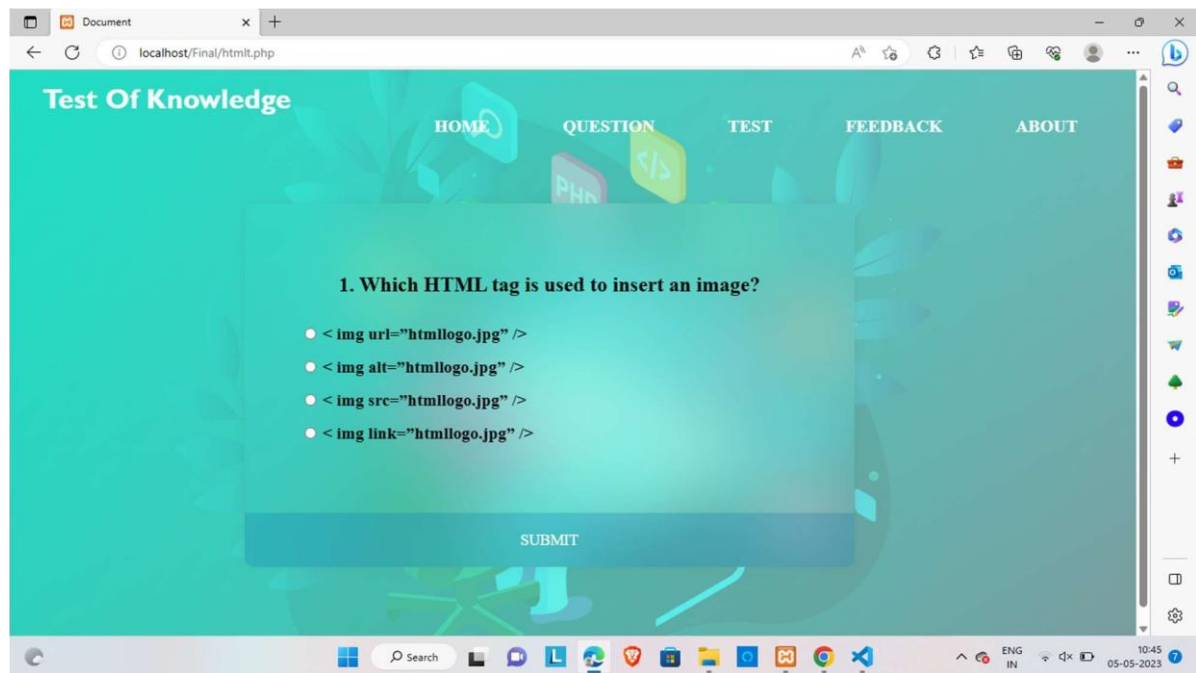
This is the feedback page of the project which provide the facility to the users to share their views regarding this website.

About Page :-



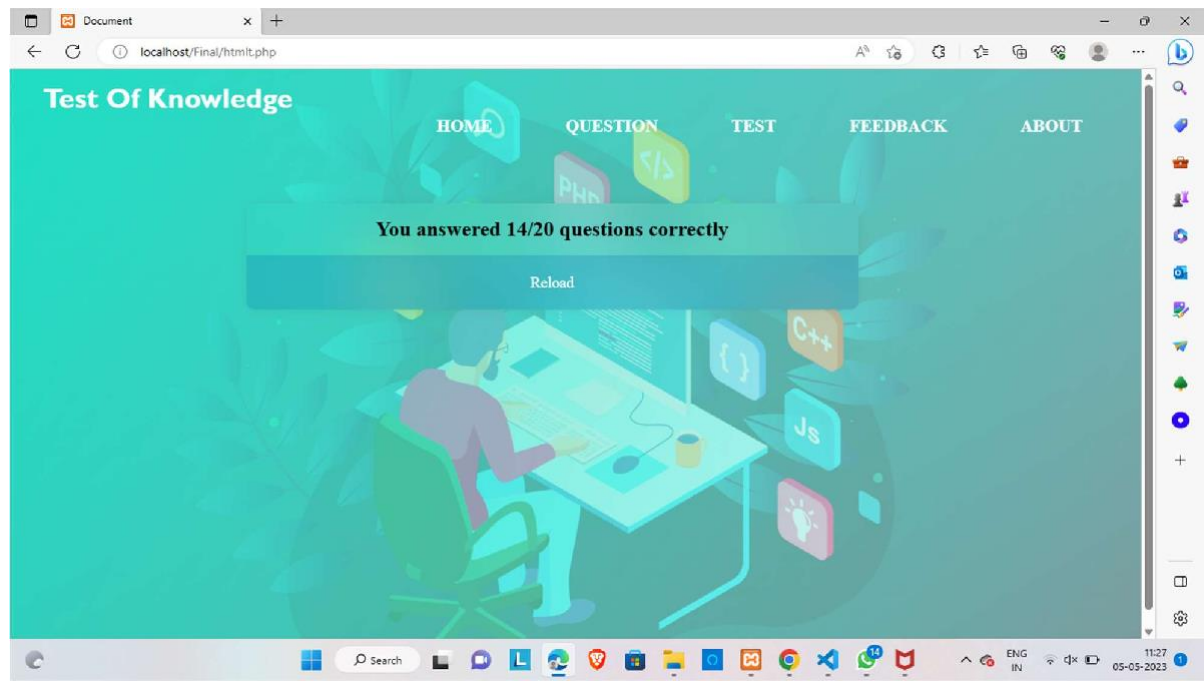
This is the About page which shows the details of the website.

Test Page :-



This is the example of a question that shows in which manner the questions will be displayed.

Score Page :-



This is the example of how the result will be shown to the user.

Start Page :-

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
<form action="home.php">
  <h1 class="starth">TEST OF KNOWLEDGE</h1>
  <p class="startp">  “Test of Knowledge” is a website which contains the
questions based on number of languages like java, python, vb.net and asp.net
etc.

The users can participate in all quizzes to test and enhance their knowledge
about fundamentals of programming.This website is developed for educational
purpose. In a single quiz test there will be limited number of questions and for
each correct answer user will get the score. </p>
<button class="startb">START</button>
  </body>
</html>
```

Login Page :-

Source code:

```
<?php
session_start();

if(isset($_POST['email']) && isset($_POST['password'])) {
    $email = $_POST['email'];
    $password = $_POST['password'];

    // Create a connection to the MySQL database
    $conn = mysqli_connect('localhost', 'root', '', 'Sk');

    // Check if the connection was successful
    if(!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }

    // Select the user from the database with the matching username and
    password

    $query = "SELECT * FROM users WHERE email='$email' AND
    password='$password'";

    $result = mysqli_query($conn, $query);

    // Check if the user exists in the database
    if(mysqli_num_rows($result) == 1) {
        // The user has successfully logged in
        $_SESSION['email'] = $email;
        header("Location: Tests.php");
    } else {
        // The username or password was incorrect
        echo "Invalid login credentials.";
    }
}
```

```

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="Style.css" />
</head>
<body>
<nav>
    <label class="logo">Test Of Knowledge
    </label>
    <ul>
        <li><a class="a" href="home.php">HOME</a></li>
        <li><a href="language.php">QUESTION</a></li>
        <li><a href="Tests.html">TEST</a></li>
        <li><a href="Login.php">LOGIN</a></li>
        <li><a href="about.php">ABOUT</a></li>
    </ul>
</div>
</nav>
    <div class="form">
        <h2>LOGIN HERE</h2>
        <form action="" method="post">
            </ion-icon><input type="email" name="email" id="email"
placeholder="Enter mail here" />

```

```
<input type="password" name="password" id="password"
placeholder="Enter Password here" />
<button class="btn" name="login">Login</button>
<div class="link">
<p> dont have an account<br />
<a href="Register.php">SIGN UP</a>HERE</a>
</p>
</div>
</body>
</html>
```

Register Page :-

Source Code :-

```
<?php
// Connect to the database
$host = 'localhost';
$user = 'root';
$pass = '';
$dbname = 'Sk';
$conn = mysqli_connect($host, $user, $pass, $dbname);
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
// Process the form data when submitted
if (isset($_POST['submit'])) {
    // Get the form data
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = $_POST['password'] ;// Hash the password for security
    // Insert the user data into the database
    $sql = "INSERT INTO users (username, email, password) VALUES ('$username',
'$email', '$password')";
    if (mysqli_query($conn, $sql)) {
        // echo "Registration successful!";
    } else {
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
}
// Close the database connection
```

```

mysqli_close($conn);
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="Style.css" />
</head>
<body>
<nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
        <li><a class="a" href="home.php">HOME</a></li>
        <li><a href="language.php">QUESTION</a></li>
        <li><a href="Tests.php">TEST</a></li>
        <li><a href="Login.php">LOGIN</a></li>
        <li><a href="about.php">ABOUT</a></li>
    </ul>
</div>
</nav>
<div class="form">
    <h2>Register Form</h2>
    <form action="" method="post">
        <input type="email" name="email" id="email" placeholder="Enter e-
mail here" />

```

```
<input type="username" name="username"
id="username"placeholder="Enter username here" />

<input type="password" name="password" id="password"
placeholder="Enter Password here" />

<input type="password" name="confirmpassword"
id="confirmpassword" placeholder="Enter confirm password here" />

<button class="btn" name="submit">Register</button>

</form>

</div>

</body>

</html>
```

Home Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css" />
  <link rel="stylesheet" href="content.css"/>
</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">LOGIN</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>
  </div>
</nav>
<div>
  <h2>JAVA</h2>
```

`<div class="java"><p>`Java is a high-level, class-based, object-oriented programming language that is designed to

have as few implementation dependencies as possible. It is a general-purpose programming

language intended to let programmers write once, run anywhere (WORA),[17] meaning that compiled

Java code can run on all platforms that support Java without the need to recompile.[18]

Java applications are typically compiled to bytecode that can run on any Java virtual

machine (JVM) regardless of the underlying computer architecture. The syntax of Java is

similar to C and C++, but has fewer low-level facilities than either of them.

Java is a world widely-used programming language for coding web application. it has been popular

choice among developers fir over two decades, with million of java applications used today.Java is

an multiplatform, object-oriented, and network-centric language that can be used as a perform in itself.

`</p>`

`</div>`

`<div class="imgjava">`

``

`<p>JAMES GOSLING</p>`

`</div>`

`<h2>C++</h2>`

`<div class="CPlus"><p>`C++ (pronounced "C plus plus") is a high-level general-purpose programming language created by Danish computer scientist Bjarne Stroustrup as an extension of the C programming language, or "C with Classes". The language has expanded significantly over time, and modern C++ now has object-oriented, generic, and functional features in addition to facilities for low-level memory manipulation. It is almost always implemented as a compiled

language, and many vendors provide C++ compilers, including the Free Software Foundation, LLVM, Microsoft, Intel, Embarcadero,

Oracle, and IBM, so it is available on many platforms.

C++ was designed with systems programming and embedded, resource-constrained software and large

systems in mind, with performance, efficiency, and flexibility of use as its design

highlights.[11] C++ has also been found useful in many other contexts, with key strengths

being software infrastructure and resource-constrained applications,[11] including desktop

applications, video games, servers (e.g. e-commerce, web search, or databases),

and performance-critical applications (e.g. telephone switches or space probes.

</p>

</div>

<div class="r">

</div>

<p>BJARNE STROUSTRUP</p>

<h2>PYTHON</h2>

<div class="python">

<p>Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with

the use of significant indentation. Python is dynamically-typed and garbage-collected. It supports multiple programming paradigms, including structured

(particularly procedural), object-oriented and functional programming.It is often described as a "batteries

included" language due to its comprehensive standard library.

Python is a computer programming language often used to build websites and software, automate tasks,

and conduct data analysis. Python is a general-purpose language, meaning it can be used to create a

variety of different programs and isn't specialized for any specific problems. This versatility,

along with its beginner-friendliness, has made it one of the most-used programming languages

today. A survey conducted by industry analyst firm RedMonk found that it was the second-most popular programming language among developers in 2021 .

</p>

</div>

<div class="p">

<p>GUIDO VAN ROSSUM</p>

</div>

<h2>C#</h2>

<div class="C">

<p> C# (pronounced see sharp) is a general-purpose, high-level multi-paradigm

programming language. C# encompasses static typing, strong typing, lexically scoped,

imperative, declarative, functional, generic, object-oriented (class-based), and

component-oriented programming disciplines. The C# programming language was designed by Anders Hejlsberg from Microsoft in 2000 and

was later approved as an international standard by Ecma (ECMA-334) in 2002 and ISO/IEC

(ISO/IEC 23270) in 2003. Microsoft introduced C# along with .NET Framework and Visual

Studio, both of which were closed-source. At the time, Microsoft had no open-source

products. Four years later, in 2004, a free and open-source project called Mono began

, providing a cross-platform compiler and runtime environment for the C# programming

language. A decade later, Microsoft released Visual Studio Code (code editor),

Roslyn (compiler), and the unified .NET platform (software framework), all of which

support C# and are free, open-source, and cross-platform. Mono also joined Microsoft

but was not merged into .NET.

As of November 2022, the most recent stable version of the language is C# 11.0,

which was released in 2022 in .NET 7.0

C#</p>

</div>

<div class="c">

<p>ANDERS HEJLSBERG</p>

</div>

<h2 class="h2">HTML</h2>

<div class="html">

<p>The HyperText Markup Language or HTML is the standard markup language for documents designed to

be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the

documents into multimedia web pages. HTML describes the structure of a web page semantically

and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other

objects such as interactive forms may be embedded into the rendered page. HTML provides a means

to create structured documents by denotppp0ping structural semantics for text such as headings,

paragraphs, lists, links, quotes, and other items. HTML elements are delineated by tags,

written using angle brackets. Tags such as < img /> and < /input> directly introduce content

into the page. Other tags such as < P> surround and provide information about document text

and may include other tags as sub-elements. Browsers do not display the HTML tags but use

them to interpret the content of the page.

```
</div>
```

```
<div class="ht">
```

```

```

```
<p>TIM BERNERS-LEE</p>
```

```
</div>
```

```
</body>
```

```
</html>
```

Question Page :-

Source Code :-

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <link rel="stylesheet" href="Style.css">

    <link rel="stylesheet" href="quiz.css">

</head>

<body>

    <nav>

        <label class="logo">Test Of Knowledge</label>

        <ul>

            <li><a class="a" href="home.php">HOME</a></li>

            <li><a href="language.php">QUESTION</a></li>

            <li><a href="Tests.php">TEST</a></li>

            <li><a href="Login.php">LOGIN</a></li>

            <li><a href="about.php">ABOUT</a></li>

        </ul>

    </div>

</nav>

<div class="languages">

    <div class="language">

        <a href="htmlIIIIIIIIII.php"><ul>HTML</ul></a>
```

```
</div>
<div class="language1">
  <a href="java.php"><ul>JAVA</ul></a>
</div>
<div class="language2">
  <a href="PYTHON.php"><ul>PYTHON</ul></a>
</div>
<div class="language3">
  <a href="C++.php"><ul>C++</ul></a>
</div>
<div class="language4">
  <a href="ASP.php"><ul>ASP.NET</ul></a>
</div>
</div>
</body>
</html>
```

HTML Test Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script type="text/javascript" src="quiz.js"></script>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="quiz.css">
</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">Feedback</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>
  </div>
</nav>
<form name="quiz" id="quiz">
  <h1>HTML MULTIPLE CHOICE QUESTIONS</h1>
  <div class="Question1">
    <label>1) HTML stands for -</label>
    <ol>
      <li> HighText Machine Language</li>
      <li> HyperText and links Markup Language</li>
      <li> HyperText Markup Language</li>
      <li> None of these</li>
    </ol>
    <label> Answer: HyperText Markup Language</label>
    <label><p>2) The correct sequence of HTML tags for starting a webpage is -
  </p></label>
    <ol>
```

```

    <li> Head, Title, HTML, body</li>
    <li> HTML, Body, Title, Head</li>
    <li> HTML, Head, Title, Body</li>
    <li> HTML, Head, Title, Body</li>
  </ol>
  <label> Answer: HTML, Head, Title, Body</label>
  <label><p>3) Who is the father of HTML?</p></label>
  <ol>
    <li> Rasmus Lerdorf </li>
    <li> Tim Berners-Lee</li>
    <li> Brendan Eich</li>
  </ol>
  <li> Sergey Brin </li>
  </ol>
  <label> Answer: Tim Berners-Lee</label>
  <label><p>4) Which of the following is used to read an HTML page and
render it?</p></label>
  <ol>
    <li> Web server </li>
    <li> Web network</li>
    <li> Web browser</li>
    <li> Web matrix </li>
  </ol>

  <label> Answer: Web browser</label>

  <label><p>5) Which of the following is not a difference between HTML and
XHTML?</p></label>

  <ol>
    <li> Charset in both html and xhtml is "text/html" </li>
    <li> Tags and attributes are case-insensitive in HTML but not in
XHTML</li>
    <li> Special characters must be escaped using character entities in
XHTML unlike HTML</li>
    <li> Charset in html is "text/html" where as in xhtml it is
"application/xml+xhtml"</li>
  </ol>

```

<label> Answer: Charset in both html and xhtml is “text/html”</label>

<label><p>6)What is DOM in HTML? </p></label>

 Language dependent application programming

 Hierarchy of objects in ASP.NET

 Application programming interface

 Convention for representing and interacting with objects in html documents

<label> Answer: Convention for representing and interacting with objects in html documents</label>

<label><p>7)In which part of the HTML metadata is contained? </p></label>

 head tag

 title tag

 html tag

 body tag

<label> Answer: head tag</label>

<label><p>8)Which element is used to get highlighted text in HTML5? </p></label>

 < u >

 < mark >

 < highlight >

```
<li> < b ></li>
</ol>
```

<label> Answer: < mark ></label>

<label><p>9) Which of the following is not a HTML5 tag?</p></label>

```
<ol>
  <li> < track > </li>
  <li> < video ></li>
  <li> < slider ></li>
  <li> < source ></li>
</ol>
```

<label> Answer: < slider ></label>

<label><p>10)How do we write comments in HTML? </p></label>

```
<ol>
  <li> < /..... > </li>
  <li> < !..... ></li>
  <li> < /...../ ></li>
  <li> <.....!></li>
</ol>
```

<label> Answer: < !..... ></label>

<label><p>11) Which of the following elements in HTML5 defines video or movie content? </p></label>

```
<ol>
  <li> < video > </li>
  <li> < movie ></li>
  <li> < audio ></li>
```

```
<li> < media ></li>
</ol>
```

<label> Answer: < video ></label>

<label><p>12) Which of the following is not the element associated with the HTML table layout? </p></label>

```
<ol>
  <li> alignment </li>
  <li> color</li>
  <li> size</li>
  <li> spanning</li>
</ol>
```

<label> Answer: color</label>

label><p>13) Which element is used for or styling HTML5 layout?</p></label>

```
<ol>
  <li> CSS </li>
  <li> jQuery</li>
  <li> JavaScript</li>
  <li> PHP</li>
</ol>
```

<label> Answer: CSS</label>

<label><p>14) Which HTML tag is used for making character appearance bold?</p></label>

```
<ol>
  <li> < u>content< /u> </li>
```

```
<li> < b>content< /b></li>
<li> < br>content< /br></li>
<li> < i>content< /i></li>
</ol>
```

<label> Answer: < b>content< /b></label>

<label><p>15) Which HTML tag is used to insert an image?</p></label>

```
<ol>
  <li> < img url="htmllogo.jpg" /> </li>
  <li> < img alt="htmllogo.jpg" /></li>
  <li> < img src="htmllogo.jpg" /></li>
  <li> < img link="htmllogo.jpg" /></li>
</ol>
```

<label> Answer: < img src="htmllogo.jpg" /></label>

<label><p>16) HTML is a subset of _____</p></label>

```
<ol>
  <li> SGMT </li>
  <li> SGML</li>
  <li>SGME</li>
  <li> XHTML</li>
</ol>
```

<label> Answer: SGML</label>

<label><p>17) Which character is used to represent when a tag is closed in HTML?</p></label>

```
<ol>
  <li> # </li>
```

```
<li> !</li>
<li></li>
<li> \</li>
</ol>
```

<label> Answer: /</label>

<label><p>18) Among the following, which is the HTML paragraph tag?</p></label>

```
<ol>
  <li> < p></li>
  <li> < pre></li>
  <li>< hr></li>
  <li> < a></li>
</ol>
```

<label> Answer: < p></label>

<label><p>19) In HTML, which attribute is used to create a link that opens in a new window tab?</p></label>

```
<ol>
  <li> src="_blank"</li>
  <li> alt="_blank"</li>
  <li>target="_self"</li>
  <li> target="_blank"</li>
</ol>
```

<label> Answer: target="_blank"</label>

<label><p>20) Which HTML element is used for short quote?</p></label>

```
<ol>
```

```
<li> <em></li>
<li><abbr></li>
<li><q></li>
<li> <blockquote></li>
</ol>
```

<label> Answer: <q></label>

<label><p> 21) Which of the following HTML tag is used to create an unordered list?</p></label>

```
<ol>
<li> <ol></li>
<li><ul></li>
<li> <li></li>
<li> <li></li>
</ol>
```

<label> Answer: </label>

<label><p>22) Which HTML element is used for abbreviation or acronym?</p></label>

```
<ol>
<li> <abbr></li>
<li><blockquote></li>
<li><q></li>
<li> <em></li>
</ol>
```

<label> Answer: <abbr></label>

<label><p>23) Which of the following HTML tag is used to add a row in a table?</p></label>

```
<ol>
  <li> < th></li>
  <li>< td></li>
  <li>< tr></li>
  <li> < tt></li>
</ol>
```

<label> Answer: < tr></label>

<label><p>24) What is the work of < address> element in HTML5?</p></label>

```
<ol>
  <li> contains IP address</li>
  <li>contains home address</li>
  <li>contains url</li>
  <li> contains contact details for author</li>
</ol>
```

<label> Answer: contains contact details for author</label>

<label><p>25) Which of the following tag is used to create a text area in HTML Form?</p></label>

```
<ol>
  <li> < textarea> < /textarea></li>
  <li> < text>< /text></li>
  <li> < input type="text" /></li>
  <li> < input type="textarea" /></li>
</ol>
```

<label> Answer: < textarea> < /textarea></label>

<label><p>26)To show deleted text, which HTML element is used?</p></label>

```
<ol>
  <li>< del></li>
  <li> < em></li>
  <li> < strong></li>
  <li> < ins></li>
</ol>
```

<label> Answer: < del></label>

<label><p>27)Which tag is used to create a dropdown in HTML Form?</p></label>

```
<ol>
  <li>< input></li>
  <li> < select></li>
  <li> < text></li>
  <li> < textarea></li>
</ol>
```

<label> Answer: < select></label>

<label><p>28)Which tag is used to create a numbered list in HTML?</p></label>

```
<ol>
  <li>< ol></li>
  <li> < ul></li>
  <li> < li></li>
  <li> < ll></li>
</ol>
```

<label> Answer: < ol></label>

<label><p>29)How to create a checkbox in HTML Form?</p></label>

```
<ol>
  <li> < input type="text"></li>
  <li> < input type="textarea"></li>
  <li> < input type="checkbox"></li>
  <li> < input type="button"></li>
</ol>
```

<label> Answer: < input type="checkbox"></label>

<label><p>30)Which of the following extension is used to save an HTML file?</p></label>

```
<ol>
  <li> .hl</li>
  <li> .h</li>
  <li> .html</li>
  <li> .html</li>
</ol>
```

<label> Answer: .html</label>

<label><p>31)Adding a border to your image helps the visitor to recognize it as what?</p></label>

```
<ol>
  <li> A frame</li>
  <li> A link</li>
  <li> A picture</li>
  <li> None of the above
</li>
</ol>
```

<label> Answer: A link</label>

<label><p>32)The tag which allows you to nest other HTML tags within the description</p></label>

```
<ol>
```

< CAPTION>
 < TD>
 < TR>
 None of the above

 <label> Answer: < CAPTION></label>
 <label><p>33) All normal webpages consists of _____</p></label>

 Top and bottom
 Body and frameset
 Head and body
 None of the above

 <label> Answer: Head and body</label>
 <label><p>34) <! Is a _____</p></label>

 Comment tag
 Underlined tag
 Underlined with italic tag
 None of the above

 <label> Answer:Comment tag</label>
 <label><p>35)Increasing the cellpadding means _____</p></label>

 Increase the softness of your site
 Increase the space between cells
 Increase the distance between cell and content
 All of the above

 <label> Answer:Increase the distance between cell and content</label>
 <label><p>36)The < BASE> tag is designed to appear only between
 _____</p></label>

 < BODY>
 < HEAD>
 < TITLE>
 < PRE>

 <label> Answer:< HEAD></label>

<label><p>37) Which colors consist of equal amounts of all basic colors?</p></label>

-
 - white, blue and gray
 - white, black and gray
 - purple, green and blue
 - None of the above

<label> Answer:white, black and gray</label>

<label><p>38) Choose the correct HTML tag to make a text bold</p></label>

-
 - < bd>
 - < bold>
 - < bl>
 - < b>

<label> Answer:< b></label>

<label><p>39) Gif and jpg are the two main types of what?</p></label>

-
 - animated effects
 - videos
 - images
 - None of the above

<label> Answer:images</label>

<label><p>40) Which of the following is underline tag?</p></label>

-
 - < PRE>
 - < UL>
 - < U>
 - < HR>

<label> Answer:< U></label>

</div>
</form>

</body>

</html>

Java Question Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script type="text/javascript" src="quiz.js"></script>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="Tests.css">
</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">LOGIN</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>
  </div>
</nav>
<form name="quiz" id="quiz">
  <h1>JAVA MULTIPLE CHOICE QUESTIONS</h1>
  <div class="Question1">
    <label>1) Who invented Java Programming?</label>
    <ol>
      <li>Guido van Rossum</li>
      <li>James Gosling</li>
      <li>Dennis Ritchie</li>
      <li>Bjarne Stroustrup</li>
    </ol>
    <label> Answer: James Gosling</label>
    <label><p>2) Which statement is true about Java?</p></label>
    <ol>
      <li>Java is a sequence-dependent programming language</li>
```

- Java is a code dependent programming language
- Java is a platform-dependent programming language
- Java is a platform-independent programming language

<label> Answer:Java is a platform-independent programming language</label>

<label><p>3) Which component is used to compile, debug and execute the java programs?</p></label>

-
- JRE
- JIT
- JDK
- JVM

<label> Answer: JDK</label>

<label><p>4) Which one of the following is not a Java feature?</p></label>

-
- Object-oriented
- Use of pointers
- Portable
- Dynamic and Extensible

<label> Answer: Use of pointers</label>

<label><p>5) Which of these cannot be used for a variable name in Java?</p></label>

-
- identifier & keyword
- identifier
- keyword
- none of the mentioned

<label> Answer: keyword</label>

<label><p>6) What is the extension of java code files?</p></label>

-
- .js
- .txt
- .class
- .java

<label> Answer: .java</label>

<label><p>7)Which of the following option leads to the portability and security of Java?</p></label>

Bytecode is executed by JVM

The applet makes the Java code secure and portable

Use of exception handling

Dynamic binding between objects

<label> Answer: Bytecode is executed by the JVM.</label>

<label><p>8)Which environment variable is used to set the java path?</p></label>

MAVEN_Path

 JavaPATH

 JAVA

 JAVA_HOME

<label> Answer: JAVA_HOME</label>

<label><p>9)Which of the following is not an OOPS concept in Java?</p></label>

 Polymorphism

 Inheritance

Compilation

 Encapsulation

<label> Answer:Compilation</label>

<label><p>10) What is not the use of “this” keyword in Java? </p></label>

 Referring to the instance variable when a local variable has the same name

 Passing itself to the method of the same class

 Passing itself to another method

 Calling another constructor in constructor chaining

<label> Answer: Passing itself to the method of the same class</label>

<label><p>11)What will be the error in the following Java code?

<ol class="coding"> byte b = 50;

b = b * 50; </p></label>

 b cannot contain value 50
 b cannot contain value 100, limited by its range
 No error in this code
 * operator has converted b * 50 into int, which can not be converted to byte without casting

<label> Answer: * operator has converted b * 50 into int, which can not be converted to byte without casting</label>

<label><p>12) Which of the following is a type of polymorphism in Java Programming? </p></label>

- Multiple polymorphism
- Compile time polymorphism
- Multilevel polymorphism
- Execution time polymorphism

<label> Answer: Compile time polymorphism</label>

label><p>13)What is the extension of compiled java classes?</p></label>

- .txt
- .js
- .class
- .java

<label> Answer: .class</label>

<label><p>14)Which exception is thrown when java is out of memory?</p></label>

- MemoryError
- OutOfMemoryError
- MemoryOutOfBoundsException
- MemoryFullException

<label> Answer: OutOfMemoryError</label>

<label><p>15) Which of these are selection statements in Java?</p></label>

- break
- continue
- for()

 if()/li>

 <label> Answer: if()/label>
 <label><p>16) Which of these keywords is used to define interfaces in Java?</p></label>

 intf
 Intf
 interface
 Interface

 <label> Answer: interface</label>
 <label><p>17) Which of the following is a superclass of every class in Java?</p></label>

 ArrayList
 Abstract class
 Object class
 String

 <label> Answer:String /</label>
 <label><p>18) Which of the below is not a Java Profiler?</p></label>

 JProfiler
 Eclipse Profiler
 JVM
 JConsole

 <label> Answer: JVM</label>
 <label><p>19) Which of these packages contains the exception Stack Overflow in Java?</p></label>

 java.io
 java.system
 java.lang
 java.util

 <label> Answer: java.lang</label>
 <label><p>20) Which of these statements is incorrect about Thread?</p></label>

- start() method is used to begin execution of the thread
- run() method is used to begin execution of a thread before start() method in special cases
- A thread can be formed by implementing Runnable interface only
- A thread can be formed by a class that extends Thread class

<label> Answer: run() method is used to begin execution of a thread before start() method in special cases</label>

<label><p> 21) Which of these keywords are used for the block to be examined for exceptions?</p></label>

- check
- throw
- catch
- try

<label> Answer: try</label>

<label><p>22) Which one of the following is not an access modifier?</p></label>

- Protected
- Void
- Public
- Private

<label> Answer: Void</label>

<label><p>23) What is the numerical range of a char data type in Java?</p></label>

- 0 to 256
- -128 to 127
- 0 to 65535
- 0 to 32767

<label> Answer: 0 to 65535</label>

<label><p>24)Which class provides system independent server side implementation?</p></label>

- Server

- ServerReader
- Socket
- ServerSocket

<label> Answer: ServerSocket</label>

<label><p>25 Which of the following is true about servlets?</p></label>

- Servlets can use the full functionality of the Java class libraries
- Servlets execute within the address space of web server, platform independent and uses the functionality of java class libraries
- Servlets execute within the address space of web server
- Servlets are platform-independent because they are written in java

<label> Answer: Servlets execute within the address space of web server, platform independent and uses the functionality of java class libraries</label>

<label><p>26)Which of the following is not a Java features?</p></label>

- Dynamic
- Architecture Neutral
- Use of pointers
- Object-oriented

<label> Answer: Use of pointers</label>

<label><p>27) Which of the following is a valid declaration of a char?</p></label>

- char ch = '\utea';
- char ca = 'tea';
- char cr = \u0223;
- char cc = '\itea';

<label> Answer: char ch = '\utea';</label>

<label><p>28)What does the expression float a = 35 / 0 return?</p></label>

- 0
- Not a Number
- Infinity
- Run time exception

<label> Answer: Infinity</label>

<label><p>29) Which method of the Class.class is used to determine the name of a class represented by the class object as a String?</label>

-
 - getClass()
 - intern()
 - getName()
 - toString()
-

<label> Answer: getName()</label>

<label><p>30) Which package contains the Random class?</label>

-
 - java.util package
 - java.lang package
 - java.awt package
 - java.io package
-

<label> Answer: java.util package</label>

</div>

</form>

</body>

</html>

Python Question Page :-

Source Code:-

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="Tests.css">
  <link rel="stylesheet" href="style.css">

</head>

<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>

    </ul>

  </div>
</nav>

<form name="quiz" id="quiz">
  <h1>PYTHON MULTIPLE CHOICE QUESTIONS</h1>
  <div class="Question1">
    <div>
      <label for="">1. Who developed Python Programming Language?
```

</label>

 Wick van Rossum

 Guido van Rossum

 Niene Stom

 Rasmus Lerdorf

<label for="">Answer: Guido van Rossum </label>

</div>

<div>

<label for="">2. Which type of Programming does Python support?

</label>

 object-oriented programming

 structured programming

 functional programming

 all of the mentioned

<label for="">Answer: all of the mentioned </label>

</div>

<div>

<label for="">3. Is Python case sensitive when dealing with identifiers?

</label>

 no

 yes

 machine dependent

 none of the mentioned

<label for="">Answer: yes</label>

</div>

<div>

<label for="">4. Which of the following is the truncation division operator in Python?

</label>

 |

 //

 /

 %

<label for="">Answer: // </label>

</div>

<div>

<label for="">5. Which of the following functions is a built-in function in python?

</label>

 factorial()

 print()

 seed()

 sqrt()

<label for="">Answer: print() </label>

</div>

<div>

<label for="">6. Which of the following is the use of id() function in python?

</label>

 Every object doesnot have a unique id

 Id returns the identity of the object

 All of the mentioned

 none of the mentioned

<label for="">Answer: Id returns the identity of the object</label>

</div>

<div>
<label for="">7. Which of the following is not a core data type in Python programming?
</label>

Tuples
Lists
Class
Dictionary

<label for="">Answer: class</label>

</div>

<div>
<label for="">8. What will be the output of the following Python function?</label>
<ol class="coding">
len(["hello",2, 4, 6])

Error
6
4
3

<label for="">Answer: 4</label>

</div>

<div>
<label for="">9. What will be the output of the following Python code snippet?</label>
<ol class="coding">
for i in [1, 2, 3, 4][::-1]:
print (i)


```
<ol>
  <li> 4 3 2 1</li>
  <li>error</li>
  <li> 1 2 3 4</li>
  <li> none of the mentioned</li>
</ol>
<label for="">Answer: 4 3 2 1 </label><br><br>
</div>
```

```
<div>
  <label for="">10. What will be the output of the following Python
code?</label>
```

```
  <ol class="coding">
    <li> print("abc. DEF".capitalize())</li>
  </ol>
```

```
  <ol>
    <li>Abc. def</li>
    <li>abc. def</li>
    <li>Abc. Def</li>
    <li>ABC. DEF</li>
```

```
  </ol>
  <label for="">Answer: Abc. def </label><br><br>
```

```
</div>
```

```
<div>
```

```
  <label for="">11. Which of the following statements is used to create an
empty set in Python?</label>
```

```
  <ol>
    <li>( )</li>
    <li>[ ]</li>
    <li>{ }</li>
    <li>set()</li>
```

```
  </ol>
  <label for="">Answer: set()</label><br><br>
```

```
</div>
```

```
<div>
```

```
  <label for="">12. To add a new element to a list we use which Python
command?</label>
```

```
  <ol>
```

```

        <li>list1.addEnd(5)</li>
        <li> list1.addLast(5)</li>
        <li>list1.append(5)</li>
        <li> list1.add(5)</li>
    </ol>
    <label for="">Answer: list1.append(5)</label><br><br>
</div>
<div>
    <label for="">13. What will be the output of the following Python
code?</label>
    <ol class="coding">
        <li> print('*', "abcde".center(6), '*', sep="")</li>
    </ol>
    <ol>
        <li>* abcde *</li>
        <li>*abcde *</li>
        <li>* abcde*</li>
        <li>* abcde *</li>
    </ol>
    <label for="">Answer: *abcde * </label><br><br>
</div>
<div>
    <label for="">14. What is the maximum possible length of an identifier in
Python?</label>
    <ol>
        <li>79 characters</li>
        <li>31 characters</li>
        <li>63 characters</li>
        <li>none of the mentioned</li>
    </ol>
    <label for="">Answer: none of the mentioned</label><br><br>
</div>
<div>
    <label for="">15. What are the two main types of functions in
Python?</label>
    <ol>
        <li>System function</li>
        <li>Custom function</li>
        <li>Built-in function & User defined function</li>
        <li>User function</li>
    </ol>

```

```

    </ol>
    <label for="">Answer: Built-in function & User defined
function</label><br><br>
</div>
<div>
    <label for="">16. What will be the output of the following Python
expression?</label>
    <ol class="coding">
        <li>round(4.576)</li>
    </ol>
    <ol>
        <li>4</li>
        <li>4.6</li>
        <li>5</li>
        <li>4.5</li>
    </ol>
    <label for="">Answer: 5</label><br><br>
</div>
<div>
    <label for="">17. What will be the output of the following Python
code?</label><br>
    <ol class="coding">print("Hello {0[0]} and {0[1]}".format(('foo',
'bin')))</ol>
    <ol>
        <li>Hello ('foo', 'bin') and ('foo', 'bin')</li>
        <li>Error</li>
        <li>Hello foo and bin</li>
        <li>None of the mentioned</li>
    </ol>
    <label for="">Answer: Hello foo and bin</label>
</div>
<div>
    <label for="">18. What is output of print(math.pow(3,
2))?</label><br><br>
    <ol>
        <li>9.0</li>
        <li>None</li>
        <li>9</li>
        <li>None of the mentioned</li>
    </ol>

```

```

    <label for="">Answer: 9.0</label><br><br>
</div>
<div>
    <label for=""> 19. In which year was the Python language
developed?</label>
    <ol>
        <li>1995</li>
        <li>1972</li>
        <li>1981</li>
        <li>1989</li>
    </ol>
    <label for="">Answer: 1989</label><br><br>
</div>
<div>
    <label for="">20. What is the method inside the class in python
language?</label>
    <ol>
        <li>Object</li>
        <li>Function</li>
        <li>Attribute</li>
        <li>Argument</li>
    </ol>
    <label for="">Answer: Function</label><br><br>
</div>
<div>
    <label for="">21. Which of the following declarations is
incorrect?</label>
    <ol>
        <li>_x = 2</li>
        <li>__x = 3</li>
        <li>_xyz_ = 5</li>
        <li>None of these</li>
    </ol>
    <label for="">Answer: None of these</label><br><br>
</div>
<div>
    <label for="">22. What will be the output of this program?</label><br>
    <label for="">
        <li>print(True ** False / True)</li>
    </label>

```

```

<ol>
  <li>True ** False / True</li>
  <li>1.0</li>
  <li>1 ** 0 / 1</li>
  <li>None of the these</li>
</ol>
<label for="">Answer: 1.0</label><br><br>
</div>
<div>
  <label for="">23. What will be the output of this program?</label><br>
  <label for="">
    <li> print(6 + 5 - 4 * 3 / 2 % 1)</li>
  </label>
  <ol>
    <li>7</li>
    <li>7.0</li>
    <li>15</li>
    <li>11.0</li>
  </ol>
  <label for="">Answer: 11.0</label><br><br>
</div>
<div>
  <label for="">24. What will be the output of this program?</label><br>
  <ol class="coding">
    <li> int1 = 0b0010 </li>
    <br>
    <li>print(int1) </li>
  </ol>

  <ol>
    <li>0b0010</li>
    <li>2</li>
    <li>NameError: name '0b0010' is not defined</li>
    <li>SyntaxError</li>
  </ol>
  <label for="">Answer: 2</label><br><br>
</div>
<div>
  <label for=""> 25. How many control statements python
supports?</label>

```

```
<ol>
  <li>Four</li>
  <li>Five</li>
  <li>Three</li>
  <li>None of the these</li>
</ol>
<label for="">Answer: Three</label><br><br>
</div>
```

```
<div>
  <label for="">26. How many keywords present in the python
programming language?</label>
```

```
  <ol>
    <li>32</li>
    <li>61</li>
    <li>33</li>
    <li>27</li>
  </ol>
  <label for="">Answer: 33</label><br><br>
</div>
```

```
<div>
  <label for="">27. What will be the output of this program?</label><br>
  <ol class="coding">
    <li>print('It\'s ok, don\'t worry')</li>
  </ol>
  <ol>
    <li>It's ok, don't worry</li>
    <li>It\'s ok, don\'t worry</li>
    <li>SyntaxError: EOL while scanning string literal</li>
    <li>SyntaxError: invalid syntax</li>
  </ol>

  <label for="">Answer: (a) It's ok, don't worry</label><br><br>
```

```
</div>
```

```
<div>
  <label for="">28. What will be the output of this program?</label><br>

  <ol>
    <li>a = '1 2' </li>
```

```

    <li>print(a * 2)</li>
    <li>print(a * 0) </li>
    <li>print(a * -2)</li>
</ol>
<label for="">Answer: 1 2 1 2</label><br><br>
</div>
<div>
    <label for="">29. What will be the output of this program?</label><br>
    <ol class="coding">
        <li> print(max("zoo 145 com"))</li>
    </ol>
    <ol>
        <li>145</li>
        <li>122</li>
        <li>a</li>
        <li>z</li>
    </ol>
    <label for="">Answer: z</label><br><br>
    <label for="">Explanation: The ASCII value of the a-z lies in the range 97 -

```

122.

So, the maximum value of the string is 122 (z = 122).</label>

```

</div>
<div>
    <label for="">30. PVM is often called_____.</label>
    <ol>
        <li>Python interpreter</li>
        <li>Python compiler</li>
        <li>Python volatile machine</li>
        <li>Portable virtual machine</li>
    </ol>
    <label for="">Answer: Python interpreter</label><br><br><br>
    <label for="">Explanation: PVM is a software that converts bytecode to
machine code for a given OS. PVM is
    also called Python Interpreter,
    and that is why Python is called Interpreted Language.</label>
</div>
<div>
    <label for="">31. Suppose a user wants to print the second value of an
array, which has 5 elements.
    What will be the syntax of the second value of the array?</label>

```

```

</ol>
  <li>array[2]</li>
  <li>array[1]</li>
  <li>array[-1]</li>
  <li>array[-2]</li>
</ol>
<label for="">Answer: array[1]</label><br><br><br>
<label for="">Explanation: The index of the array starts with 0.
  Therefore, the option (b) is the correct answer.</label>
</div>
<div>
  <label for="">32. Which of the following statements is not valid regarding
the variable in python?</label>
  <ol>
    <li>The variable_name can begin with alphabets</li>
    <li>The variable_name can begin with an underscore</li>
    <li>The variable_name can begin with a number</li>
    <li>None of the these</li>
  </ol>
  <label for="">Answer: The variable_name can begin with a
number</label>
  </label><br><br>
</div>

<div>
  <label for="">33. What will be the output of this program?</label>
  <ol class="coding">
    <li>i = 2 </li>
    <li>j = 3, 5 </li>
    <li>add = i + j </li>
    <li>print(add) </li>

  </ol>
  <ol type="A">
    <li>5, 5</li>
    <li>5</li>
    <li>(2 , 3 , 5)</li>
    <li>TypeError</li>
  </ol>
  <label for="">Answer: D TypeError</label>

```

</div>

<div>

<label for="">34. What will be the output of this program?</label>

<ol class="coding">

_ = '1 2 3 4 5 6'

print(_)

<ol type="A">

SyntaxError: EOL while scanning string literal

SyntaxError: invalid syntax

NameError: name '_' is not defined

1 2 3 4 5 6

<label for="">Answer: D 1 2 3 4 5 6</label>

</div>

<div>

<label for="">35. PVM is often called_____.</label>

<ol type="A">

Python interpreter

Python compiler

Python volatile machine

Portable virtual machine

<label for="">Answer: A. Python interpreter</label>

</div>

<div>

<label for="">36. What will be the output of this program?</label>

<ol class="coding">

str1="python language"

str1.find("p")

print(str1)

```
</ol>
<ol type="A">
  <li>Print the index value of the p.</li>
  <li>p</li>
  <li>python language</li>
  <li>python language</li>
</ol>
<label for="">Answer: C. python language</label>
</div>
```

```
<div>
  <label for="">37. How many times will this program run the loop?</label>
  <ol class="coding">
    <li>a = 2 </li>
    <li>while(a > -100): </li>
    <li>a = a - 1 </li>
    <li>print(a) </li>

  </ol>
  <ol type="A">
    <li>Infinite</li>
    <li>102</li>
    <li>2</li>
    <li>1</li>
  </ol>
  <label for="">Answer: B 102</label>
</div>
```

```
<div>
  <label for="">38. Which of the following statements is valid for "if
statement"?</label>
```

```
<ol type="A">
  <li>if f >= 12:</li>
  <li>if (f >= 122)</li>
  <li>if (f => 1222)</li>
  <li>if f >= 12222</li>
```

```
</ol>
<label>Answer: (A) if f >= 12:</label>
</div>
```

```
<div>
  <label for="">38. Which of the following blocks allows you to test the
code blocks for errors?</label>
```

```
  <ol type="A">
    <li>except block</li>
    <li>try block</li>
    <li>finally block</li>
    <li>None of the these</li>
  </ol>
  <label>Answer: (B) try block</label><br><br>
</div>
```

```
<div>
  <label for="">40. What will be the output of this program?</label>
  <ol class="coding">
    <li>try: </li>
    <li> print(file_name) </li>
    <li>except: </li>
    <li> print("error comes in the line") </li>
  </ol>
```

```
  <ol type="A">
    <li>file_name</li>
    <li>error</li>
    <li>error comes in the line</li>
    <li>file_name error comes in the line</li>
  </ol>
  <label>Answer: (C) error comes in the line</label><br><br>
</div>
</div>
```

</body>

</html>

C++ question page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet" href="Tests.css">

</head>

<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>

    </ul>

  </div>
</nav>

<form name="quiz" id="quiz">
  <h1>C++ MULTIPLE CHOICE QUESTIONS</h1>
```

```
<div class="Question1">
```

```
<div>
```

```
  <label for="">1. Which of the following is the correct syntax to print the  
message in C++ language?</label>
```

```
  <ol type="A">
```

```
    <li>cout <<"Hello world!";</li>
```

```
    <li>Cout << Hello world! ;</li>
```

```
    <li>Out <<"Hello world!";</li>
```

```
    <li>None of the above</li>
```

```
  </ol>
```

```
  <label for="">Answer: A cout <<"Hello world!";</label><br><br>
```

```
</div>
```

```
<div>
```

```
  <label for="">2. Which of the following is the correct identifier?</label>
```

```
  <ol type="A">
```

```
    <li>$var_name</li>
```

```
    <li>VAR_123</li>
```

```
    <li>varname@</li>
```

```
    <li>None of the above</li>
```

```
  </ol>
```

```
  <label for="">Answer: B VAR_123 </label><br><br>
```

```
</div>
```

```
<div>
```

```
  <label for="">3. Which of the following is the address operator?</label>
```

```
  <ol type="A">
```

```
    <li>@</li>
```

```
    <li>#</li>
```

```
    <li>&</li>
```

```
    <li>%</li>
```

```
  </ol>
```

```
  <label for="">Answer: C & </label><br><br>
```

```
</div>
```

```
<div>
```

```
  <label for="">4. Which of the following features must be supported by  
any programming language to become a  
  pure
```

object-oriented programming language?</label>

<ol type="A">

Encapsulation

Inheritance

Polymorphism

All of the above

<label for="">Answer: D All of the above</label>

</div>

<div>

<label for="">5. The programming language that has the ability to create new data types is

called ____.</label>

<ol type="A">

Overloaded

Encapsulated

Reprehensible

Extensible

<label for="">Answer: D Extensible </label>

</div>

<div>

<label for="">6. Which of the following is the original creator of the C++ language?</label>

<ol type="A">

Dennis Ritchie

Ken Thompson

Bjarne Stroustrup

Brian Kernighan

<label for="">Answer: C Bjarne Stroustrup </label>

</div>

<div>

<label for="">7. C++ is a ____ type of language.</label>

<ol type="A">

High-level Language

Low-level language

Middle-level language
None of the above

<label for="">Answer: C Middle-level language </label>

</div>

<div>

<label for="">8. If we stored five elements or data items in an array, what will be the index address or the

index

number of the array's last data item?</label>

<ol type="A">

3

5

4

88

<label for="">Answer: C 4 </label>

</div>

<div>

<label for="">9. Which of the following is the correct syntax for declaring the array?</label>

<ol type="A">

init array []

int array [5];

Array[5];

None of the above

<label for="">Answer: B int array [5]; </label>

</div>

<div>

<label for="">10. Which type of memory is used by an Array in C++ programming language?</label>

<ol type="A">

Contiguous

None-contiguous

Both A and B

Not mentioned

<label for="">Answer: A Contiguous</label>

</div>

<div>

<label for="">11. Elements of a one-dimensional array are numbered as 0,1,2,3,4,5, and so on; these numbers are known as_____</label>

<ol type="A">

Subscript of Array

Members of Array

Index values

Both A and C

<label for="">Answer: D Both A and C</label>

</div>

<div>

<label for="">12. Which of the following is not a kind of inheritance?</label>

<ol type="A">

Distributed

Multiple

Multi-level

Hierarchal

<label for="">Answer: A Distributed</label>

</div>

<div>

<label for="">13. What will happen if "In a C++ program a class has no name"?</label>

<ol type="A">

It is not even allowed in C++

It will not have the Constructor

It will not have the destructor

Both B and C

<label for="">Answer: C It will not have the destructor </label>

</div>

<div>

<label for="">14. Which of the following concept refers to adding new components to the program at the run

time?</label>

<ol type="A">

Dynamic Loading

Dynamic binding

Data hiding

Both A & B

<label for="">Answer: C Data hiding</label>

</div>

<div>

<label for="">15. Which of the following refers to the wrapping of data and its functionality into a single

individual entity?</label>

<ol type="A">

Modularity

Abstraction

Encapsulation

None of the above

<label for="">Answer: C Encapsulation</label>

</div>

<div>

<label for="">16. Among the following, which shows the Multiple inheritances?</label>

X,Y->Z

X->Y->Z

X->Y;X->Z

None of the above

<label for="">Answer: A X,Y->Z</label>

</div>

<div>

<label for="">17. Which of the following keywords is used to write assembly code in a C ++ program?</label>

<ol type="A">

ASM

asm

Not possible

Compiler specific

<label for="">Answer: B asm</label>

</div>

<div>

<label for="">18. Which of the following is correct about the first parameter of the "main()" function?</label>

<ol type="A">

The first argument is of int type

Stores the count of command-line arguments

The first argument is non-negative

All of the mentioned

<label for="">Answer: D All of the mentioned</label>

</div>

<div>

<label for="">19. What will be the output of the following C++ code?</label>

<ol class="coding">

#include<iostream>

usingnamespace std;

int main()

{

int a =5;

 auto check =[](int x)

{

 if(x==0)

 returnfalse;

else

```

<li> returntrue; </li>
<li> }; </li>
<li> cout<<check(a)<<endl; </li>
<li> return0; </li>
<li>} </li>

```

```

</ol>
<ol type="A">
  <li>0</li>
  <li>Segmentation fault</li>
  <li>Error</li>
  <li>1</li>
</ol>
<label for="">Answer: D 1</label><br><br>

```

```

</div>
<div>
  <label for="">20. What will happen when we move the try block far away
from catch block?</label>
  <ol type="A">
    <li>Reduces the amount of code in the cache</li>
    <li>Increases the amount of code in the cache</li>
    <li>Don't alter anything</li>
    <li>Increases the amount of code</li>
  </ol>
  <label for="">Answer: A Reduces the amount of code in the
cache</label><br><br>

```

```

</div>
<div>
  <label for="">21. Which of the following concept is used by pre-
increment?</label>
  <ol type="A">
    <li>call by value</li>
    <li>call by reference</li>
    <li>queue</li>
    <li>call by name</li>

```


<label for="">Answer: B call by reference</label>

</div>

<div>

<label for="">22. How many types of representation are in the string?</label>

<ol type="A">

3

1

2

4

<label for="">Answer: C 2 </label>

</div>

<div>

<label for="">23. What will be the output of the following C++ code?</label>

<ol class="coding">

#include <iostream></i>

#include <cstring>

using namespace std;

int main ()

 {

char str1[10] = "Hello";

char str2[10] = "World";

char str3[10];

int len ;

strcpy(str3, str1);

strcat(str1, str2);

len = strlen(str1);

cout<<len<<endl;

return 0;

 }

<ol type="A">

5

```
<li>55</li>
<li>10</li>
<li>11</li>
</ol>
<label for="">Answer: C 10 </label><br><br>
```

```
</div>
```

```
<div>
```

<label for="">24. Which one of the following given methods we usually use to append more than one character at a time?</label>

```
<ol type="A">
  <li>Append</li>
  <li>operator+=</li>
  <li>both append & operator+=</li>
  <li>Data</li>
</ol>
```

```
<label for="">Answer: C both append & operator+=</label><br><br>
```

```
</div>
```

```
<div>
```

<label for="">25 What is the return value of f(p, p) if the value of p is initialized to 5 before the call?</label>

```
<ol class="coding">
  <li>int f(int&x, int c) { </li>
  <li>c = c - 1; </li>
  <li>if (c == 0) return 1; </li>
  <li>x = x + 1; </li>
  <li>return f(x, c) * x; </li>
  <li>} </li>
</ol>
```

```
<ol type="A">
  <li>3024</li>
  <li>6561</li>
  <li>55440</li>
  <li>161051</li>
</ol>
```

```
<label for="">Answer: B 6561</label><br><br>
```

</div>
<div>
 <label for="">26. Which of the following functions must use the
reference?</label>
 <ol type="A">
 Copy constructor
 Destructor
 Parameterized constructor
 None of the above

 <label for="">Answer: A Copy constructor</label>

</div>
<div>
 <label for="">27. Read the following given program of C++ and predict the
most appropriate output of the
 program?</label>
 <div class="code">
 <ol class="coding">
 #include<iostream>

 using namespace std;
 int x[100];
 int main()
 {
 cout<< x[99] <<endl;
 }

 </div>

 <ol type="A">
 It will display 0 as output
 Its output is unpredictable
 It will display 99 as output
 None of the above

 <label for="">Answer: A It will display 0 as output</label>

</div>
<div>
 <label for="">28. Which of the following operators has the highest precedence?</label>
 <ol type="A">
 %
 /
 *
 All have the same precedence

 <label for="">Answer: D All have the same precedence</label>

</div>
<div>
 <label for="">29. Which of the following can be considered as the correct syntax of for loop?</label>
 <ol type="A">
 for(initialization; condition; increment/decrement operator){}
 for(initialization, condition; increment/decrement operator){}
 for(initialization; increment/decrement operator; condition;){}
 None of the above

 <label for="">Answer: A for(initialization; condition; increment/decrement operator){}</label>

</div>
<div>
 <label for="">30. The term modularity refers to_____.</label>
 <ol type="A">
 To divide the program into small independent parts or sub-modules
 To override the parts of the program
 To wrapping things into a single unit
 None of the above

 <label for="">Answer: A To divide the program into small independent parts or sub-modules</label>

</div>
<div>

<label for="">31. ISO/IEC 14882:1998 addresses which version of C++?

</label>

<ol type="A">

C++ 98

C++ 93

C++ 0

C++ 03

<label for="">Answer: C++ 98</label>

</div>

<div>

<label for="">32. Which one of the following given statements is correct about the increment operator?</label>

<ol type="A">

Increment operator(or ++) usually adds 2 to its operand

Decrement operator -- subtracts 1 to its operand

Decrement operator -- subtracts 3 to its operand

Increment operator (or ++) usually adds 1 to its operand

<label for="">Answer: D Increment operator (or ++) usually adds 1 to its operand</label>

</div>

<div>

<label for="">33. C++ uses which approach?</label>

<ol type="A">

right - left

top down

left- right

bottom-up

<label for="">Answer: bottom-up</label>

</div>

<div>

<label for="">34. What is the ASCII value of '\0' character?</label>

<ol type="A">

```

    <li>32</li>
    <li>24</li>
    <li>48</li>
    <li>0</li>
</ol>
<label for="">0</label>

```

```

</div>

```

```

<div>
    <label for="">
        35. Identify the correct range of signed char.</label>
    <ol type="A">
        <li>-256 to 255</li>
        <li>-128 to 127</li>
        <li>0 to 255 </li>
        <li>0 to 127</li>
    </ol>
    <label for="">Answer: B -128 to 127.</label><br><br>

```

```

</div>

```

```

<div>
    <label for="">36. Identify the storage classes that have global
visibility.</label>
    <ol type="A">
        <li>extern</li>
        <li>auto</li>
        <li>register</li>
        <li>static</li>
    </ol>
    <label for="">extern</label><br><br>

```

```

</div>

```

```

<div>
    <label for="">37. Find the output of the following program.</label>
    <ol class="coding">
        <li>main(){</li>
        <li>int a = 10, b, c;</li>
        <li>b = a++;</li>
        <li>c = a;</li>
        <li>cout << a << " " <<b <<" " << c << endl;</li>
    </ol>

```

```

        </li></li>

</ol>
<ol type="A">
    <li>10 11 11 </li>
    <li>11 11 11 </li>
    <li>11 10 11 </li>
    <li>10 10 10</li>
</ol>
<label for="">11 10 11</label><br><br>

</div>
<div>
    <label for="">
        38. Find the output of the following program.</label>
    <ol class="coding">
        <li>main(){</li>
        <li>cout << -10 - 10 -10;</li>
        <li>}</li>
    </ol>
    <ol type="A">
        <li>0</li>
        <li>-30</li>
        <li>30</li>
        <li>20</li>
    </ol>
    <label for="">Answer: C 30</label><br><br>

</div>
<div>
    <label for="">39. Can we typecast void * into int *?</label>
    <ol type="A">
        <li>Yes</li>
        <li>No</li>
        <li>Undefined</li>
        <li>Depends on Compiler</li>
    </ol>
    <label for="">Answer: A Yes</label><br><br>

</div>

```

```
<div>
  <label for="">40. What is output of below program?</label>

  <ol class="coding">
    <li>int main() </li>
    <li>{ </li>
    <li>const int a=10; </li>
    <li>a++; </li>
    <li>cout<<a; </li>
    <li>return 0; </li>
    <li>}</li>
  </ol>

  <ol type="A">
    <li>10</li>
    <li>11</li>
    <li>Compilation Error</li>
    <li>Linking Button</li>
  </ol>
  <label for="">Answer: C Compilation Error</label><br><br>

</div>
</div>
</body>

</html>
```

ASP.NET Question Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet" href="Tests.css">

</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>

    </ul>

  </div>
</nav>

<form name="quiz" id="quiz">
  <h1>ASP.NET MULTIPLE CHOICE QUESTIONS</h1>
  <div class="Question1">
    <div>
      <label for="">1. What is the full form ASP?</label>
      <ol type="A">
        <li>Access Server Pages</li>
        <li>Active Service Pages</li>
        <li>Active Server Pages</li>
```

```
<li>Access Service Pages</li>
</ol>
<label for="">Answer: C) Active Server Pages</label><br><br>
</div>
```

```
<div>
  <label for="">2. Which of the following programming language can be used
  with ASP.NET?
</label>
  <ol type="A">
    <li>C#.NET</li>
    <li>VB.NET</li>
    <li>Both</li>
    <li>None</li>
  </ol>
  <label for="">Answer: C) Both</label><br><br>
</div>
```

```
<div>
  <label for="">3. Which of the following technologies are also used with
  ASP.NET?</label>
  <ol type="A">
    <li>CSS</li>
    <li>JavaScript</li>
    <li>AJAX</li>
    <li>All</li>
  </ol>
  <label for="">Answer: D) All</label><br><br>
</div>
```

```
<div>
  <label for="">4. In which form does Postback occur?</label>
  <ol type="A">
    <li>Win Forms</li>
    <li>HTML Forms</li>
    <li>Web Forms</li>
    <li>All</li>
  </ol>
  <label for="">Answer: C) Web Forms</label><br><br>
</div>
<div>
```

<label for="">5. MVC stands for _____.</label>
<ol type="A">
 Model Vocal Controller
 Model View Count
 Model View Controller
 Mode View Controller

<label for="">Answer: C) Model View Controller</label>

</div>
<div>
 <label for="">6. What namespace is used for ASP.NET Web Form by default?</label>
 <ol type="A">
 System.Web.Form
 System.Web.UI.Page
 System.Web.GUI.Page
 System.Web.UI.Form

 <label for="">Answer: D) System.Web.UI.Form</label>

</div>
<div>
 <label for="">7. Which of the following attribute must be set on a validator control for the validation?</label>
 <ol type="A">
 ControlToValidate
 ValidateControl
 ValidateToBind
 ValidateBind

 <label for="">Answer: A) ControlToValidate</label>

</div>
<div>
 <label for="">8. Which term is used for pages that depend on the Master page?</label>
 <ol type="A">
 Content Pages
 Master Pages
 Web Pages
 None of the above


```
<label for="">Answer: A) Content Pages</label><br><br>
</div>
<div>
  <label for="">9. Which file contains the Application_Start event?</label>
  <ol type="A">
    <li>Global.asax</li>
    <li>Web.config</li>
    <li>Local.asax</li>
    <li>None</li>
  </ol>
  <label for="">Answer: A) Global.asax</label><br><br>
</div>
<div>
  <label for="">10. Which of the following folder is used to store DLL files in
the ASP.NET application?</label>
  <ol type="A">
    <li>App_Code</li>
    <li>App_Data</li>
    <li>Bin</li>
    <li>App_Local</li>
  </ol>
  <label for="">Answer: C) Bin</label><br><br>
</div>
<div>
  <label for="">11. The ASP.NET developed by?</label>
  <ol type="A">
    <li>Google</li>
    <li>Oracle</li>
    <li>Sun Microsystems</li>
    <li>Microsoft</li>
  </ol>
  <label for="">Answer: D) Microsoft</label><br><br>
</div>
<div>
  <label for="">12.Which is the first event triggered when a user requests an
ASP.NET page?</label>
  <ol type="A">
    <li>Load</li>
    <li>Init</li>
    <li>PreInit</li>
  </ol>

```

```

        <li>PreLoad</li>
    </ol>
    <label for="">Answer: C) PreInit</label><br><br>
</div>
<div>
    <label for="">13. Which of the following Session Mode Serialization is not
required to store the data?</label>
    <ol type="A">
        <li>LinkCounter</li>
        <li>Counter</li>
        <li>AdRotator</li>
        <li>File Access</li>
    </ol>
    <label for="">Answer: A) LinkCounter</label><br><br>
</div>
<div>
    <label for="">14. Which development model(s) is/are supported by
ASP.Net?</label>
    <ol type="A">
        <li>Asp.Net Web Forms</li>
        <li>Asp.Net MVC</li>
        <li>Asp.Net Web Pages</li>
        <li>All of the above</li>
    </ol>
    <label for="">Answer: D) All of the above</label><br><br>
</div>
<div>
    <label for="">15. The SessionIDs are stored in_____by ASP.Net?</label>
    <ol type="A">
        <li>Cache</li>
        <li>Server</li>
        <li>Database</li>
        <li>Cookies</li>
    </ol>
    <label for="">Answer: D) Cookies</label><br><br>
</div>
<div>
    <label for="">16. Which is the correct basic syntax of the Control
directive?</label>
    <ol type="A">

```

```

        <li><%@ Control %></li>
        <li><%@ Control Language="C#" EnableViewState="false" %></li>
        <li><%@ Control Language="C#" %></li>
        <li>None of the above</li>
    </ol>
    <label for="">Answer: B) <%@ Control Language="C#"
EnableViewState="false" %></label><br><br>
</div>
<div>
    <label for="">17. Which protocol is used to call a web service?</label>
    <ol type="A">
        <li>SOAP Protocol</li>
        <li>HTTP Protocol</li>
        <li>TCP Protocol</li>
        <li>FTP Protocol</li>
    </ol>
    <label for="">Answer: B) HTTP Protocol</label><br><br>
</div>
<div>
    <label for="">18. Which method is used to sign out from forms
authentication?</label>
    <ol type="A">
        <li>Authentication.SignOut()</li>
        <li>Forms.UI.SignOut()</li>
        <li>FormsAuthentication.LogOut()</li>
        <li>FormsAuthentication.SignOut()</li>
    </ol>
    <label for="">Answer: D) FormsAuthentication.SignOut()</label><br><br>
</div>
<div>
    <label for="">19. Which method is used in ASP.Net to preserve page and
control values between round trips?</label>
    <ol type="A">
        <li>Restore</li>
        <li>Modeling</li>
        <li>View State</li>
        <li>Model Preserve</li>
    </ol>
    <label for="">Answer: C) View State</label><br><br>
</div>

```

```

<div>
  <label for="">20. What is the default timeout for a cookie in
  ASP.Net?</label>
  <ol type="A">
    <li>10 Minutes</li>
    <li>20 Minutes</li>
    <li>30 Minutes</li>
    <li>5 Minutes</li>
  </ol>
  <label for="">Answer: C) 30 Minutes</label><br><br>
</div>
<div>
  <label for="">21. What is the full form of SOAP in ASP.Net?</label>
  <ol type="A">
    <li>Simple Object Access Protocol</li>
    <li>Simple Object Advanced Protocol</li>
    <li>Simple Object Access Property</li>
    <li>Simple Object Advanced Property</li>
  </ol>
  <label for="">Answer: A) Simple Object Access Protocol</label><br><br>
</div>
<div>
  <label for="">22. _____ is used to redirect the user's browser to another page
  or site.</label>
  <ol type="A">
    <li>Response.Redirect</li>
    <li>Server.Redirect</li>
    <li>Client.Transfer</li>
    <li>Server.Transfer</li>
  </ol>
  <label for="">Answer: A) Response.Redirect</label><br><br>
</div>
<div>
  <label for="">23. Which is the correct syntax to add an event handler in
  ASP.Net?</label>
  <ol type="A">
    <li>Attributes("Event","Javascript_Code();")</li>
    <li>Attributes.Add("Event","Javascript_Code();")</li>
    <li>Attributes.Handle("Event","Javascript_Code();")</li>
    <li>None of the above</li>
  </ol>

```

```

        </ol>
        <label for="">Answer: B)
Attributes.Add("Event","Javascript_Code();")</label><br><br>
    </div>
    <div>
        <label for="">24. Which of the following property is used to apply the style
to the day header row in Calendar control?</label>
        <ol type="A">
            <li>DayHeaderStyleRow</li>
            <li>DayHeaderStyle</li>
            <li>StyleHeaderDay</li>
            <li>None of the above</li>
        </ol>
        <label for="">Answer: B) DayHeaderStyle</label><br><br>
    </div>
    <div>
        <label for="">25. Which of the following property is used to set custom text
for the next month button in Calendar control?</label>
        <ol type="A">
            <li>Month Text</li>
            <li>Next Month Text</li>
            <li>Next Text Month</li>
            <li>NM Text</li>
        </ol>
        <label for="">Answer: B) Next Month Text</label><br><br>
    </div>
    <div>
        <label for="">26. Which of the following property is used to set the check
state for ASP.NET CheckBox control?</label>
        <ol type="A">
            <li>Check</li>
            <li>Checked</li>
            <li>Check State</li>
            <li>None of the above</li>
        </ol>
        <label for="">Answer: B) Checked</label><br><br>
    </div>
    <div>

```

<label for="">27. Which of the following property is not available for LinkButton control?</label>

- <ol type="A">
- Border Style
- Causes Validation
- Css Class
- None of the above
-

<label for="">Answer: D) None of the above</label>

</div>

<div>

<label for="">28. Which of the following HTML tag is used to create file upload control in HTML?</label>

- <ol type="A">
- File
- Input
- Upload
- FP
-

<label for="">Answer: B) Input</label>

</div>

<div>

<label for="">29. Which of the following property is used to get the selected filename using FileUpload control?</label>

- <ol type="A">
- PostedFile.FileName
- FileName
- SelectedFile.FileName
- PostedFile
-

<label for="">Answer: A) </label>

FileUpload1.PostedFile.FileName</label>

</div>

<div>

<label for="">30. Which of the following property is used to allow multiple selections of files from FileUpload control?</label>

- <ol type="A">
- Access Multiple
- Upload Multiple
- Select Multiple

```

        <li>Allow Multiple</li>
    </ol>
    <label for="">Answer: D) Allow Multiple</label><br><br>
</div>
<div>
    <label for="">31. Which of the following statement is correct about
HyperLink control in ASP.NET?</label>
    <ol type="A">
        <li>ASP.NET does not support HyperLink control.</li>
        <li>It is an ASP.NET control, that responds to a click event.</li>
        <li>It cannot be used to refer to a webpage on the server</li>
        <li>The hyperLink is also known as LinkButton in ASP.NET</li>
    </ol>
    <label for="">Answer: B) It is an ASP.NET control, that responds to a click
event.</label><br><br>
</div>
<div>
    <label for="">32. Which of the following statement is correct about
ToolTip?</label>
    <ol type="A">
        <li>It is used to implement a click event for ASP.NET control.</li>
        <li>It displays a text when the mouse is over the ASP.NET control.
        </li>
        <li>It is used to remove webpage cookies.</li>
        <li>None of the above</li>
    </ol>
    <label for="">Answer: B) It displays a text when the mouse is over the
ASP.NET control.</label><br><br>
</div>
<div>
    <label for="">33. The AutoPostBack is?</label>
    <ol type="A">
        <li>A property</li>
        <li>An Event</li>
        <li>A Method</li>
        <li>None of the above</li>
    </ol>
    <label for="">Answer: A) A property</label><br><br>
</div>
<div>

```

<label for="">34. Which of the following property is used to set the URL for HyperLink control?</label>

- <ol type="A">
- Set URL
- URL
- Navigate Url
- None of the above
-

<label for="">Answer: C) Navigate Url</label>

</div>

<div>

<label for="">35. Which of the following property is used to set tab order for ASP.NET RadioButton control?</label>

- <ol type="A">
- Tab Order
- Tab Index
- Index
- Tab
-

<label for="">Answer: B) Tab Index</label>

</div>

<div>

<label for=""> 36.Which of the following property is used to set visibility for ASP.NET RadioButton control?</label>

- <ol type="A">
- Visible
- Set Visibility
- Visibility
- None
-

<label for="">Answer: A) Visible</label>

</div><div>

<label for="">37. Which of the following property is used to set the group name for ASP.NET RadioButton control?</label>

- <ol type="A">
- Group
- Group Name
- G Name
- None
-

```

    <label for="">Answer: B) Group Name</label><br><br>
</div>
<div>
    <label for="">38. Which of the following property is used to set the
keyboard shortcut key for Label control?</label>
    <ol type="A">
        <li>Shortcut</li>
        <li>Access Key</li>
        <li>Key</li>
        <li>Shortcut Key</li>
    </ol>
    <label for="">Answer: B) Access Key</label><br><br>
</div>
<div>
    <label for="">39. Which of the following property is used to set background
color for a Label control?</label>
    <ol type="A">
        <li>Back Color</li>
        <li>Background Color</li>
        <li>Bg Color</li>
        <li>None of the above</li>
    </ol>
    <label for="">Answer: A) Back Color</label><br><br>
</div>

<div>
    <label for="">40. Which of the following control is used to resets all other
HTML form elements on a form to a default value?</label>
    <ol>
        <li>Clear Button</li>
        <li>Default Button</li>
        <li>Reset Button</li>
        <li>Set Button</li>

    </ol>
    <label for="">Answer: C) Reset Button</label><br><br>
</div>
</div>
</body>
</html>

```

Test Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="quiz.css">
</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>
  </div>
</nav>
<div class="language">
  <a href="htmlt.php"><ul>HTML</ul></a>
</div>
<div class="language1">
  <a href="java.php"><ul>JAVA</ul></a>
</div>
<div class="language2">
  <a href="PythonTest.php"><ul>PYTHON</ul></a> </div>
<div class="language3">
  <a href="cplust.php"><ul>C++</ul></a> </div>
<div class="language4">
  <a href="ASPt.php"><ul>ASP.NET</ul></a></div>
</div>
</body>
</html>
```

HTML Test Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="Styles.css">

</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>

    </div>
  </nav>
  <div class="quiz-container" id="quiz">
    <div class="quiz-header">
      <h2 id="question">Question Text</h2>
      <ul>
        <li>
          <input type="radio" name="answer" id="a" class="answer">
          <label for="a" id="a_text">Answer</label>
        </li>
        <li>
          <input type="radio" name="answer" id="b" class="answer">
          <label for="b" id="b_text">Answer</label>
        </li>
      </ul>
    </div>
  </div>
```

```
<input type="radio" name="answer" id="c" class="answer">
<label for="c" id="c_text">Answer</label>
</li>
<li>
  <input type="radio" name="answer" id="d" class="answer">
  <label for="d" id="d_text">Answer</label>
</li>
</ul>
</div>
<button id="submit">SUBMIT</button>
</div>
</body>
<script src="htmltest.js"></script>
</html>
```

HTML JavaScript Source Code:-

```
const quizData = [
  {
    question: "1. Which HTML tag is used to insert an image?",
    a: "< img url='htmllogo.jpg' /> ",
    b: "< img alt='htmllogo.jpg' /> ",
    c: "< img src='htmllogo.jpg' /> ",
    d: "< img link='htmllogo.jpg' />",
    correct: "c",
  },
  {
    question: "2.In HTML, which attribute is used to create a link that opens in a new window tab? ",
    a: "src='_blank' ",
    b: "alt='_blank' ",
    c: "target='_self' ",
    d: " target='_blank' ",
    correct: "d",
  },
  {
    question: "3.What is the work of < address> element in HTML5?",
    a: " contains IP address ",
    b: "contains home address  ",
    c: "contains url  ",
    d: " contains contact details for author  ",
    correct: "d",
  },
  {
    question: "4. All normal webpages consists of_____",
    a: " Top and bottom ",
    b: " Body and frameset  ",
    c: "Head and body ",
    d: " None of the above  ",
    correct: "c",
  },
  {
    question: "5. Choose the correct HTML tag to make a text bold",
```

```

a: "< bd> ",
b: "< bold>",
c: "< bl> ",
d: "< b> ",
correct: "d",
},

{
  question: "6.Adding a border to your image helps the visitor to recognize it as
what? ",
  a: " A frame      ",
  b: " A link        ",
  c: " A picture ",
  d: " None of the above      ",
  correct: "b",
},

{
  question: "7. Which of the following HTML tag is used to create an unordered
list?",
  a: " < ol> ",
  b: " < ul>   ",
  c: " < li>  ",
  d: " < ll> ",
  correct: "b",
},

{
  question: "8.Which element is used for or styling HTML5 layout?",
  a: " CSS      ",
  b: " jQuery   ",
  c: " JavaScript ",
  d: " PHP      ",
  correct: "a",
},

{
  question: "9. The correct sequence of HTML tags for starting a webpage is -",
  a: "Head, Title, HTML, body ",
  b: " HTML, Body, Title, Head  ",
  c: "HTML, Head, Title, Body   ",

```

```

    d: "HTML, Head, Title, Body",
    correct: "b",
  },
  {
    question: "10.In which part of the HTML metadata is contained? ",
    a: " head tag  ",
    b: " title tag ",
    c: " html tag ",
    d: "body tag ",
    correct: "a",
  },
  {
    question:"11. Which of the following is not the element associated with the
HTML table layout?",

    a: " alignment  ",
    b: "color",
    c: " size ",
    d: " spanning  ",
    correct: "b",
  },
  {
    question: "12. Which character is used to represent when a tag is closed in
HTML? ",
    a: " #  ",
    b: "! ",
    c: "/ ",
    d: "\ ",
    correct: "c",
  },
  {
    question: " 13. Which HTML element is used for short quote?",
    a: " < em> ",
    b: "< abbr>",
    c: "< q>",
    d: "< blockquote>",
    correct: "c",
  },
  {
    question: " 14. How do we write comments in HTML? ",

```

```

a: "</..... >  ",
b: "<!..... > ",
c: " </...../ >  ",
d: "<.....!>  ",
correct: "b",
},
{
  question:"15. HTML is a subset of _____ ",
  a: " SGMT          ",
  b: "SGML ",
  c: "SGME ",
  d: "XHTML ",
  correct: "b",
},
{
  question:"16.To show deleted text, which HTML element is used?",
  a: "< del>          ",
  b: "< em>          ",
  c: "< strong>",
  d: " < ins>          ",
  correct: "a",
},
{
  question: "17.Which of the following extension is used to save an HTML file ",
  a: ".hl          ",
  b: ".h          ",
  c: ".htl          ",
  d: ".html          ",
  correct: "d",
},
{
  question: "18.Increasing the cellpadding means _____",
  a: "Increase the softness of your site ",
  b: "Increase the space between cells ",
  c: "Increase the distance between cell and content ",
  d: "All of the above          ",
  correct: "c",
},
{
  question: "19.HTML stands for - ",

```

```

    a: "HighText Machine Language",
    b: " HyperText and links Markup Language",
    c: "HyperText Markup Language  ",
    d: "None of these  ",
    correct: "c",
  },
  {
    question: "20.Which tag is used to create a dropdown in HTML Form?",
    a: "< input>  ",
    b: "< select>  ",
    c: "< text>  ",
    d: " < textarea> ",
    correct: "b",
  },

```

```

];
const quiz= document.getElementById('quiz')
const answerEls = document.querySelectorAll('.answer')
const questionEl = document.getElementById('question')
const a_text = document.getElementById('a_text')
const b_text = document.getElementById('b_text')
const c_text = document.getElementById('c_text')
const d_text = document.getElementById('d_text')
const submitBtn = document.getElementById('submit')

```

```

let currentQuiz = 0
let score = 0

```

```

loadQuiz()

```

```

function loadQuiz() {

  deselectAnswers()

  const currentQuizData = quizData[currentQuiz]

```

```

    questionEl.innerText = currentQuizData.question
    a_text.innerText = currentQuizData.a
    b_text.innerText = currentQuizData.b
    c_text.innerText = currentQuizData.c
    d_text.innerText = currentQuizData.d
  }
  function deselectAnswers() {
    answerEls.forEach(answerEls => answerEls.checked = false)
  }
  function getSelected() {
    let answer
    answerEls.forEach(answerEls => {
      if(answerEls.checked) {
        answer = answerEls.id
      }
    })
    return answer
  }
  submitBtn.addEventListener('click', () => {
    const answer = getSelected()
    if(answer) {
      if(answer === quizData[currentQuiz].correct) {
        score++
      }
      currentQuiz++
      if(currentQuiz < quizData.length) {
        loadQuiz()
      } else {
        quiz.innerHTML = `
        <h2>You answered ${score}/${quizData.length} questions correctly</h2>
        <button onclick="location.reload()">Reload</button>
        `
      }
    }
  })

```

JAVA Test Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="Styles.css">

</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="feedback.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>

    </div>
  </nav>
  <div class="quiz-container" id="quiz">
    <div class="quiz-header">
      <h2 id="question">Question Text</h2>
      <ul>
        <li>
          <input type="radio" name="answer" id="a" class="answer">
          <label for="a" id="a_text">Answer</label>
        </li>
        <li>
          <input type="radio" name="answer" id="b" class="answer">
          <label for="b" id="b_text">Answer</label>
        </li>
        <li>
          <input type="radio" name="answer" id="c" class="answer">
```

```
    <label for="c" id="c_text">Answer</label>
  </li>
  <li>
    <input type="radio" name="answer" id="d" class="answer">
    <label for="d" id="d_text">Answer</label>
  </li>
</ul>
</div>
<button id="submit">SUBMIT</button>
</div>
</body>
<script src="javatest.js"></script>
</html>
```

JAVA TEST JAVASCRIPT Page :-

```
const quizData = [
  {
    question: "1.Which component is used to compile, debug and execute the
java programs?",
    a: " JRE ",
    b: " JIT ",
    c: " JDK ",
    d: " JVM ",
    correct: "c",
  },
  {
    question: "2.Which of the following is a type of polymorphism in Java
Programming? ",
    a: " Multiple polymorphism      ",
    b: " Compile time polymorphism    ",
    c: " Multilevel polymorphism      ",
    d: " Execution time polymorphism ",
    correct: "b",
  },
  {
    question: "3. Which one of the following is not an access modifier? ",
    a: " Protected ",
    b: " Void      ",
    c: " Public ",
    d: " Private   ",
    correct: "b",
  },
  {
    question: "4. Who invented Java Programming?",
    a: " Guido van Rossum   ",
    b: " James Gosling     ",
    c: "Dennis Ritchie ",
    d: " Bjarne Stroustrup  ",
    correct: "b",
  },
  {
    question: " 5.What is the extension of compiled java classes?",
    a: " .txt      ",
```

```

    b: " .js ",
    c: " .class  ",
    d: " .java  ",
    correct: "c",
  },
  {
    question: "6.Which method of the Class.class is used to determine the name
of a class represented by the class object as a String?",
    a: "getClass()  ",
    b: " intern()  ",
    c: " getName()  ",
    d: " toString()  ",
    correct: "c",
  },
  {
    question: "7. Which of the following is an immediate subclass of the Panel
class?",
    a: " Applet class ",
    b: " Window class",
    c: " Frame class  ",
    d: " Dialog class ",
    correct: "a",
  },
  {
    question: "8. Which of these are selection statements in Java? ",
    a: "break ",
    b: "continue ",
    c: "for()  ",
    d: "if()  ",
    correct: "d",
  },
  {
    question: "9.What is the numerical range of a char data type in Java? ",
    a: "0 to 256      ",
    b: " -128 to 127  ",
    c: "0 to 65535    ",
    d: " 0 to 32767 ",
    correct: "c",
  },
  {

```

```

    question: '10. _____ is used to find and fix bugs in the Java programs. ',
    a: " JVM      ",
    b: " JRE ",
    c: " JDK      ",
    d: " JDBC      ",
    correct: "d",
  },
  {
    question: "11.Which of the following is a marker interface? ",
    a: "Runnable interface ",
    b: "Remote interface",
    c: "Readable interface      ",
    d: "Result interface      ",
    correct: "b",
  },
  {
    question: "12. What is the extension of java code files? ",
    a: " .js ",
    b: " .txt ",
    c: " .class ",
    d: " .java ",
    correct: "d",
  },
  {
    question: "13. Which of the following is a superclass of every class in Java? ",
    a: " ArrayList      ",
    b: " Abstract class      ",
    c: " Object class ",
    d: " String",
    correct: "d",
  },
  {
    question: "14.Which exception is thrown when java is out of memory? ",
    a: " MemoryError      ",
    b: "OutOfMemoryError",
    c: "MemoryOutOfBounds Exception ",
    d: "MemoryFullException      ",
    correct: "b",
  },

```

```

{
    question: "15. Which of these packages contains the exception Stack
Overflow in Java? ",
    a: "java.io",
    b: "java.system",
    c: " java.lang",
    d: "java.util ",
    correct: "c",
},
{
    question: "16. Which of the following is not a Java features?",
    a: "Dynamic ",
    b: "Architecture Neutral ",
    c: "Use of pointers ",
    d: "Object-oriented ",
    correct: "c",
},
{
    question: "17. What does the expression float a = 35 / 0 return?",
    a: "0 ",
    b: "Not a Number ",
    c: "Infinity ",
    d: "Run time exception",
    correct: "c",
},
{
    question: "18. Which of the following for loop declaration is not valid?",
    a: " for ( int i = 99; i >= 0; i / 9 )",
    b: "for ( int i = 7; i <= 77; i += 7 ) ",
    c: " for ( int i = 20; i >= 2; - -i ) ",
    d: " for ( int i = 2; i <= 20; i = 2* i )  ",
    correct: "a",
},
{
    question: "19.Which statement is true about Java?",
    a: "Java is a sequence-dependent programming language ",
    b: " Java is a code dependent programming language  ",
    c: " Java is a platform-dependent programming language ",
    d: " Java is a platform-independent programming language ",
    correct: "d",
}

```

```

    },
    {
      question: "20.Which environment variable is used to set the java path? ",
      a: "MAVEN_Path      ",
      b: " JavaPATH      ",
      c: " JAVA      ",
      d: "JAVA_HOME ",
      correct: "d",
    },
  ],

  ];
const quiz= document.getElementById('quiz')
const answerEls = document.querySelectorAll('.answer')
const questionEl = document.getElementById('question')
const a_text = document.getElementById('a_text')
const b_text = document.getElementById('b_text')
const c_text = document.getElementById('c_text')
const d_text = document.getElementById('d_text')
const submitBtn = document.getElementById('submit')
let currentQuiz = 0
let score = 0
loadQuiz()
function loadQuiz() {
  deselectAnswers()
  const currentQuizData = quizData[currentQuiz]
  questionEl.innerText = currentQuizData.question
  a_text.innerText = currentQuizData.a
  b_text.innerText = currentQuizData.b
  c_text.innerText = currentQuizData.c
  d_text.innerText = currentQuizData.d
}
function deselectAnswers() {
  answerEls.forEach(answerEl => answerEl.checked = false)
}
function getSelected() {

```

```

let answer
answerEls.forEach(answerEl => {
  if(answerEl.checked) {
    answer = answerEl.id
  }
})
return answer
}
submitBtn.addEventListener('click', () => {
  const answer = getSelected()
  if(answer) {
    if(answer === quizData[currentQuiz].correct) {
      score++
    }
    currentQuiz++
    if(currentQuiz < quizData.length) {
      loadQuiz()
    } else {
      quiz.innerHTML = `
        <h2>You answered ${score}/${quizData.length} questions correctly</h2>
        <button onclick="location.reload()">Reload</button>
      `
    }
  }
})

```

Python Test Page :-

Source Code:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="Styles.css">

</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="feedback.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>

  </div>
</nav>
<div class="quiz-container" id="quiz">
  <div class="quiz-header">
    <h2 id="question">Question Text</h2>
    <ul>
      <li>
        <input type="radio" name="answer" id="a" class="answer">
        <label for="a" id="a_text">Answer</label>
      </li>
      <li>
        <input type="radio" name="answer" id="b" class="answer">
```

```
    <label for="b" id="b_text">Answer</label>
  </li>
  <li>
    <input type="radio" name="answer" id="c" class="answer">
    <label for="c" id="c_text">Answer</label>
  </li>
  <li>
    <input type="radio" name="answer" id="d" class="answer">
    <label for="d" id="d_text">Answer</label>
  </li>
</ul>
</div>
<button id="submit">SUBMIT</button>
</div>
</body>
<script src="pythont.js"></script>
</html>
```

Python JavaScript Page :-

```
const quizData = [
  {
    question: " 1. Who developed Python Programming Language?",
    a: "Wick van Rossum ",
    b: "Guido van Rossum ",
    c: "Niene Stom   ",
    d: "Rasmus Lerdorf ",
    correct: "b",
  },
  {
    question: " 2. Which type of Programming does Python support?",
    a: "object-oriented programming",
    b: "structured programming   ",
    c: "functional programming   ",
    d: " all of the mentioned   ",
    correct: "d",
  },
  {
    question: "3. Which of the following is not a core data type in Python programming? ",
    a: "Tuples   ",
    b: " Lists   ",
    c: "Class   ",
    d: "Dictionary ",
    correct: "c",
  },
  {
    question: "4. Which of the following is the use of id() function in python? ",
    a: " Every object doesnot have a unique id ",
    b: "Id returns the identity of the object ",
    c: " All of the mentioned           ",
    d: " none of the mentioned           ",
    correct: "b",
  },
  {
```

question: " 5. Which of the following functions is a built-in function in python?",

a: " factorial() ",

b: "print() ",

c: "seed() ",

d: " sqrt() ",

correct: "b",

},

{

question: "6. Which of the following is the truncation division operator in Python? ",

a: " | ",

b: "// ",

c: "/ ",

d: "% ",

correct: "b",

},

{

question: "7. Is Python case sensitive when dealing with identifiers? ",

a: " no ",

b: "yes ",

c: "machine dependent ",

d: " none of the mentioned",

correct: "b",

},

{

question: "8.Which of the following statements is used to create an empty set in Python? ",

a: "() ",

b: "[] ",

c: "{ } ",

d: "set() ",

correct: "d",

},

{

question: "9.To add a new element to a list we use which Python command? ",

```

a: "list1.addEnd(5) ",
b: " list1.addLast(5) ",
c: "list1.append(5) ",
d: " list1.add(5)  ",
correct: "c",
},
{
  question: "10.What is the maximum possible length of an identifier in
Python? ",
  a: "79 characters      ",
  b: "31 characters      ",
  c: "63 characters      ",
  d: "none of the mentioned ",
  correct: "d",
},
{
  question: "11.What are the two main types of functions in Python? ",
  a: "System function ",
  b: "Custom function ",
  c: "Built-in function & User defined function ",
  d: " User function",
  correct: "c",
},
{
  question: "12. What will be the output of the following Python expression?
\n\n round(4.576)",
  a: "4 ",
  b: "4.6 ",
  c: "5 ",
  d: "4.5 ",
  correct: "c",
},
{
  question: "13. What is output of print(math.pow(3, 2))? ",
  a: "Hello ('foo', 'bin') and ('foo', 'bin') ",
  b: "Error ",
  c: "Hello foo and bin ",

```

```

    d: "None of the mentioned ",
    correct: "c",
},
{
    question: "14. What is output of print(math.pow(3, 2))?",
    a: "9.0 ",
    b: " None",
    c: "9 ",
    d: "None of the mentioned ",
    correct: "a",
},
{
    question: "15. In which year was the Python language developed? ",
    a: "1995 ",
    b: "1972 ",
    c: "1981 ",
    d: "1989 ",
    correct: "d",
},
{
    question: "16.What is the method inside the class in python language? ",
    a: "Object  ",
    b: "Function ",
    c: "Attribute ",
    d: "Argument ",
    correct: "b",
},
{
    question: "17.Which of the following declarations is incorrect? ",
    a: "_x = 2      ",
    b: "__x = 3     ",
    c: "xyz = 5  ",
    d: "None of these ",
    correct: "d",
},
{

```

```

    question: "18.How many keywords present in the python programming
language? ",
    a: "32 ",
    b: "61 ",
    c: "33 ",
    d: "27 ",
    correct: "c",
  },

  {
    question: "19. PVM is often called_____. ",
    a: "Python interpreter ",
    b: "Python compiler ",
    c: "Python volatile machine ",
    d: "Portable virtual machin ",
    correct: "a",
  },

  {
    question: "20. Which of the following blocks allows you to test the code
blocks for errors? ",
    a: "except block  ",
    b: "try block  ",
    c: "finally block  ",
    d: "None of the these ",
    correct: "b",
  },

];
const quiz= document.getElementById('quiz')
const answerEls = document.querySelectorAll('.answer')
const questionEl = document.getElementById('question')
const a_text = document.getElementById('a_text')
const b_text = document.getElementById('b_text')
const c_text = document.getElementById('c_text')
const d_text = document.getElementById('d_text')

```

```

const submitBtn = document.getElementById('submit')
let currentQuiz = 0
let score = 0
loadQuiz()
function loadQuiz() {
  deselectAnswers()
  const currentQuizData = quizData[currentQuiz]
  questionEl.innerText = currentQuizData.question
  a_text.innerText = currentQuizData.a
  b_text.innerText = currentQuizData.b
  c_text.innerText = currentQuizData.c
  d_text.innerText = currentQuizData.d
}
function deselectAnswers() {
  answerEls.forEach(answerEl => answerEl.checked = false)
}
function getSelected() {
  let answer
  answerEls.forEach(answerEl => {
    if(answerEl.checked) {
      answer = answerEl.id
    }
  })
  return answer
}
submitBtn.addEventListener('click', () => {
  const answer = getSelected()
  if(answer) {
    if(answer === quizData[currentQuiz].correct) {
      score++
    }
    currentQuiz++
    if(currentQuiz < quizData.length) {
      loadQuiz()
    }
  } else {
    {

```

```
quiz.innerHTML = `  
  <h2>You answered ${score}/${quizData.length} questions correctly</h2>  
  <button onclick="location.reload()">Reload</button>  
  `;  
}  
}  
})
```

C++ Test Page :-

Source Code:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="Styles.css">

</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">FEEDBACK</a></li>
      <li><a href="about.php">ABOUT</a></li>
    </ul>

    </div>
  </nav>
  <div class="quiz-container" id="quiz">
    <div class="quiz-header">
      <h2 id="question">Question Text</h2>
      <ul>
        <li>
          <input type="radio" name="answer" id="a" class="answer">
          <label for="a" id="a_text">Answer</label>
        </li>
        <li>
          <input type="radio" name="answer" id="b" class="answer">
          <label for="b" id="b_text">Answer</label>
        </li>
        <li>
```

```
<input type="radio" name="answer" id="c" class="answer">
<label for="c" id="c_text">Answer</label>
</li>
<li>
  <input type="radio" name="answer" id="d" class="answer">
  <label for="d" id="d_text">Answer</label>
</li>
</ul>
</div>
<button id="submit">SUBMIT</button>
</div>
</body>
<script src="CPlusTest (2).js"></script>
</html>
```

C++ JavaScript Page:-

```
const quizData = [
  {
    question: "1. Which of the following is the address operator?",
    a: " @ ",
    b: " # ",
    c: " & ",
    d: " % ",
    correct: "c",
  },
  {
    question: "2.The programming language that has the ability to create new data types is called____",
    a: " Overloaded ",
    b: " Encapsulated ",
    c: " Polymorphism ",
    d: " All of the above ",
    correct: "d",
  },
  {
    question: "3.Which of the following is the original creator of the C++ language? ",
    a: " Dennis Ritchie ",
    b: " Ken Thompson ",
    c: " Bjarne Stroustrup ",
    d: " Brian Kernighan ",
    correct: "c",
  },
  {
    question: "4.C++ is a____type of language. ",
    a: "High-level Language ",
    b: "Low-level language ",
    c: "Middle-level language ",
    d: "None of the above ",
    correct: "c",
  },
  {
    question: " 5.Elements of a one-dimensional array are numbered as 0,1,2,3,4,5, and so on; these numbers are known as____",
    a: " Contiguous ",
  },
]
```

```

    b: " None-contiguous ",
    c: " Both A and B  ",
    d: " Not mentioned  ",
    correct: "a",
  },
  {
    question: "6.Which of the following is the correct syntax for declaring the
array? ",
    a: " Distributed ", b:
    " Multiple ",
    c: " Multi-level  ",
    d: " Hierarchal  ",
    correct: "b",
  },
  {
    question: "8. Which of the following concept refers to adding new
components to the program at the run time? ",
    a: "Dynamic Loading  ",
    b: "Dynamic binding  ",
    c: "Data hiding  ",
    d: "Both A & B  ",
    correct: "c",
  },
  {
    question: "9.Among the following, which shows the Multiple inheritances?
",
    a: " X,Y->Z  ",
    b: " X->Y->Z  ",
    c: " X->Y;X->Z  ",
    d: " None of the above ",
    correct: "a",
  },
  {
    question: '10. Which of the following is correct about the first parameter of
the "main()" function? ',
    a: " The first argument is of int type  ",
    b: " Stores the count of command-line arguments ",
    c: " The first argument is non-negative  ",
    d: " All of the mentioned  ",
    correct: "d",
  }

```

```

    },
    {
        question: "11.What will happen when we move the try block far away from
catch block? ",
        a: "Reduces the amount of code in the cache ",b:
        "Increases the amount of code in the cache ",c:
        "Don't alter anything ",
        d: "Increases the amount of code ",
        correct: "a",
    },
    {
        question: "12. How many types of representation are in the string? ",
        a: "3 ",
        b: "1 ",
        c: "2 ",
        d: "4 ",
        correct: "c",
    },
    {
        question: "13.Which one of the following given methods we usually use to
append more than one character at a time? ",
        a: " Append ",
        b: " operator+= ",
        c: " both append & operator+= ",
        d: " Data ",
        correct: "c",
    },
    {
        question: "14.Which of the following functions must use the reference? ",
        a: "Copy constructor ",
        b: "Destructor ",
        c: "Parameterized constructor ",
        d: "None of the above ",
        correct: "a",
    },
    {
        question: "15.Which of the following operators has the highest precedence?
",
        a: "% ",
        b: "/"
    },

```

```

c: "*"
d: "All have the same precedence "
correct: "d",
},
{
  question: "16. ISO/IEC 14882:1998 addresses which version of C++? ",
  a: "++ 98 ",
  b: "++ 93 ",
  c: "++ 0 ",
  d: "++ 03 ",
  correct: "c",
},
{
  question: "17. Which of the following can be considered as the correct
syntax of for loop? ",
  a: "for(initialization; condition; increment/decrement operator){} ",
  b: "for(initialization, condition; increment/decrement operator){} ",
  c: "for(initialization; increment/decrement operator;condition;){} ",d:
  "None of the above ",
  correct: "a",
},
{
  question: "18. Identify the correct range of signed char. ",
  a: " -256 to 255 ",
  b: " -128 to 127 ",
  c: " 0 to 255 ",
  d: " 0 to 127 ",
  correct: "b",
},
{
  question: "19.C++ uses which approach? ",
  a: " right - left ",
  b: " top down ",
  c: " left- right ",
  d: " bottom-up ",
  correct: "d",
},
{
  question: "20. Can we typecast void * into int *? ",
  a: "Yes ",

```

```
    b: "No      ",
    c: " Undefined      ",
    d: "Depends on Compiler ",
    correct: "a",
  },
```

```
];
const quiz= document.getElementById('quiz')
const answerEls = document.querySelectorAll('.answer')
const questionEl = document.getElementById('question')
const a_text = document.getElementById('a_text')
const b_text = document.getElementById('b_text')
const c_text = document.getElementById('c_text')
const d_text = document.getElementById('d_text')
const submitBtn = document.getElementById('submit')
let currentQuiz = 0
let score = 0
loadQuiz()
function loadQuiz() {
  deselectAnswers()
  const currentQuizData = quizData[currentQuiz]
  questionEl.innerText = currentQuizData.question
  a_text.innerText = currentQuizData.a
  b_text.innerText = currentQuizData.b
  c_text.innerText = currentQuizData.c
  d_text.innerText = currentQuizData.d
}
function deselectAnswers() {
  answerEls.forEach(answerEl => answerEl.checked = false)
}
function getSelected() {
  let answer
  answerEls.forEach(answerEl => {
    if(answerEl.checked) {
      answer = answerEl.id
    }
  })
}
```

```

    }
  })
  return answer
}
submitBtn.addEventListener('click', () => {
  const answer = getSelected()
  if(answer) {
    if(answer === quizData[currentQuiz].correct) {
      score++
    }
    currentQuiz++
    if(currentQuiz < quizData.length) {
      loadQuiz()
    } else {
      quiz.innerHTML = `
        <h2>You answered ${score}/${quizData.length} questions correctly</h2>
        <button onclick="location.reload()">Reload</button>
      `
    }
  }
})

```

ASP.NET Test Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="Style.css">
  <link rel="stylesheet" href="Styles.css">

</head>
<body>
  <nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
      <li><a class="a" href="home.php">HOME</a></li>
      <li><a href="language.php">QUESTION</a></li>
      <li><a href="Tests.php">TEST</a></li>
      <li><a href="Login.php">Feedback</a></li>
      <li><a href="about.php">ABOUT</a></li>

    </ul>

  </div>
</nav>
<div class="quiz-container" id="quiz">
  <div class="quiz-header">
    <h2 id="question">Question Text</h2>
    <ul>
      <li>
        <input type="radio" name="answer" id="a" class="answer">
        <label for="a" id="a_text">Answer</label>
      </li>
      <li>
        <input type="radio" name="answer" id="b" class="answer">
        <label for="b" id="b_text">Answer</label>
      </li>
    </ul>
  </div>
</div>
```

```
</li>
<li>
  <input type="radio" name="answer" id="c" class="answer">
  <label for="c" id="c_text">Answer</label>
</li>
<li>
  <input type="radio" name="answer" id="d" class="answer">
  <label for="d" id="d_text">Answer</label>
</li>
</ul>
</div>
<button id="submit">SUBMIT</button>

</div>
```

```
</body>
<script src="ASPTTest.js"></script>
</html>
```

ASP.NET Test JavaScript Code:-

```
const quizData = [
  {
    question: "1. In which form does Postback occur?",
    a: "Win Forms      ",
    b: "HTML Forms   ",
    c: "Web Forms     ",
    d: "All          ",
    correct: "d",
  },
  {
    question: "2.What namespace is used for ASP.NET Web Form by default? ",
    a: "System.Web.Form      ",
    b:"System.Web.UI.Page  ",
    c: "System.Web.GUI.Page ",
    d: "System.Web.UI.Form ",
    correct: "d",
  },
  {
    question: "3.Which of the following attribute must be set on a validator control for the validation?",
    a: "ControlToValidate ",
    b: "ValidateControl   ",
    c: "ValidateToBind    ",
    d: "ValidateBind     ",
    correct: "a",
  },
  {
    question: "4. Which file contains the Application_Start event? ",
    a: " Global.asax ",
    b: " Web.config  ",
    c: " Local.asax  ",
    d: " None       ",
    correct: "a",
  },
  {
```

question: "5.Which of the following folder is used to store DLL files in the ASP.NET application? ",

a: "App_Cod ",

b: "App_Data ",

c: "Bin ",

d: "App_Local ",

correct: "c",

},

{

question: "6.he ASP.NET developed by? ",

a: " Google ",

b: " Oracle ",

c: " Sun Microsystems ",

d: " Microsoft ",

correct: "d",

},

{

question: "7.Which of the following Session Mode Serialization is not required to store the data? ",

a: " LinkCounter ",

b: " Counter ",

c: " AdRotator ",

d: " File Access ",

correct: "a",

},

{

question: "8.The SessionIDs are stored in_____by ASP.Net?",

a: " Cache ",

b: " Server ",

c: " Database ",

d: " Cookies ",

correct: "d",

},

{

question: "9.Which of the following property is used to apply the style to the day header row in Calendar control?",

a: "DayHeaderStyleRow ",

```

    b: "DayHeaderStyle   ",
    c: "StyleHeaderDay   ",
    d: "None of the above ",
    correct: "b",
  },
  {
    question: "10.What is the full form of SOAP in ASP.Net?",
    a: "Simple Object Access Protocol   ",
    b: "Simple Object Advanced Protocol ",
    c: "Simple Object Access Property   ",
    d: "Simple Object Advanced Property ",
    correct: "a",
  },
  {
    question:"11. Which of the following property is used to apply the style to
the day header row in Calendar control?",

    a: "Month Text   ",
    b: "Next Month Text ",
    c: "Next Text Month ",
    d: "NM Text   ",
    correct: "b",
  },
  {
    question: "12. Which of the following HTML tag is used to create file upload
control in HTML? ",
    a: "File   ",
    b: "Input   ",
    c: "Upload ",
    d: "FP   ",
    correct: "b",
  },
  {
    question: " 13. Which of the following control is used to resets all other
HTML form elements on a form to a default value?",
    a: "Clear Button   ",
    b: "Default Button",
    c: "Reset Button ",
    d: "Set Button   ",
    correct: "c",
  },

```

```

    },
    {
        question: " 14. Which of the following property is used to set the group
name for ASP.NET RadioButton control?",
        a: "Group    ",
        b: "Group Name ",
        c: "G Name    ",
        d: "None      ",
        correct: "a",
    },
    {
        question:"15. Which of the following statement is correct about HyperLink
control in ASP.NET? ",
        a: "ASP.NET does not support HyperLink control.      ",
        b: "It is an ASP.NET control, that responds to a click event. ",
        c: "It cannot be used to refer to a webpage on the server ", d:
"The hyperLink is also known as LinkButton in ASP.NET ",
        correct: "b",
    },
    {
        question:"16.Which of the following property is not available for LinkButton
control? ",
        a: "Check          ",
        b: "Check State     ",
        c: "None of the above ",
        d: " Checked        ",
        correct: "b",
    },
    {
        question: "17.Which is the first event triggered when a user requests an
ASP.NET page? ",
        a: " Load    ",
        b: " Init      ",
        c: " PreInit ",
        d: " PreLoad ",
        correct: "c",
    },
    {
        question: "18.What is the default timeout for a cookie in ASP.Net? ",
        a: "10 Minutes  ",

```

```

        b: "20 Minutes ",
        c: "30 Minutes ",d:
        "5 Minutes ",
        correct: "c",
    },
    {
        question: "19. _____ is used to redirect the user's browser to another page or
site. ",
        a: "Response.Redirect ",
        b: "Server.Redirect ",
        c: "Client.Transfer ",
        d: "Server.Transfer ",
        correct: "a",
    },
    {
        question: "20.The AutoPostBack is? ",
        a: "A property ",
        b: "An Event ",
        c: "A Method ",
        d: "None of the above ",
        correct: "a",
    },
},

```

```

];
const quiz= document.getElementById('quiz')
const answerEls = document.querySelectorAll('.answer')
const questionEl = document.getElementById('question')
const a_text = document.getElementById('a_text')
const b_text = document.getElementById('b_text')
const c_text = document.getElementById('c_text')
const d_text = document.getElementById('d_text')
const submitBtn = document.getElementById('submit')
let currentQuiz = 0
let score = 0
loadQuiz()
function loadQuiz() {
    deselectAnswers()
    const currentQuizData = quizData[currentQuiz]
    questionEl.innerText = currentQuizData.question

```

```

    a_text.innerText = currentQuizData.a
    b_text.innerText = currentQuizData.b
    c_text.innerText = currentQuizData.c
    d_text.innerText = currentQuizData.d
  }
  function deselectAnswers() {
    answerEls.forEach(answerEl => answerEl.checked = false)
  }
  function getSelected() {
    let answer
    answerEls.forEach(answerEl => {
      if(answerEl.checked) {
        answer = answerEl.id
      }
    })
    return answer
  }
  submitBtn.addEventListener('click', () => {
    const answer = getSelected()
    if(answer) {
      if(answer === quizData[currentQuiz].correct) {
        score++
      }
      currentQuiz++
      if(currentQuiz < quizData.length) {
        loadQuiz()
      } else {
        quiz.innerHTML = `
        <h2>You answered ${score}/${quizData.length}questions correctly</h2>
        <button onclick="location.reload()">Reload</button>
        `
      }
    }
  })

  function checkAnswer(){
    var answerBank = document.getElementById('answerEl');
    var answers= document.getElementById('answerEl');
    answerBank.style.display='block';
    scoreboard.style.display='block';
  }

```

```
for(var a=0;a<questionBank.length;a++)  
{  
  var list=document.createElement('li');  
  list.innerHTML=questionBank[a].answer;  
  answers.appendChild(list);  
}  
}
```

Feedback Page :-

Source Code :-

```
<?php
include 'config.php';
error_reporting(0);
session_start();
if (isset($_POST['submit'])) {
    $username = $_POST['username'];
    $lastname = $_POST['lastname'];
    $email = $_POST['email'];
    $feedback = $_POST['feedback'];
    $sql = "INSERT INTO feed(username, lastname, email, feedback) VALUES
('$username', '$lastname', '$email', '$feedback')";
    $result = mysqli_query($conn, $sql);
    header("Location: login.php");
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="Style.css" />
</head>
<body>
<nav>
    <label class="logo">Test Of Knowledge</label>
    <ul>
        <li><a class="a" href="home.php">HOME</a></li>
        <li><a href="language.php">QUESTION</a></li>
        <li><a href="Tests.php">TEST</a></li>
        <li><a href="feedback.php">FEEDBACK</a></li>
        <li><a href="about.php">ABOUT</a></li>
    </ul>
</div>
</nav>

<div>
```

```
<div class="form">
  <h2>Feedback Form</h2>
  <form action="" method="post">
    <input type="email" name="email" id="email" placeholder="Enter e-
mail here" />
    <input type="username" name="username"
id="username"placeholder="Enter username here" /><br><br>

    <textarea name="feedback" type="text" rows="5" cols="25"
placeholder="Write a Comment here"></textarea>
    <button class="btn" name="submit">Feedback</button>

  </div><br><br><br><br>

</form>
</body>
</html>
```

About Page :-

Source Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css" />
</head>
<body>
<nav>
  <label class="logo">Test Of Knowledge</label>
  <ul>
    <li><a href="home.php">HOME</a></li>
    <li><a href="language.php">QUESTION</a></li>
    <li><a href="Tests.php">TEST</a></li>
    <li><a href="feedback.php">FEEDBACK</a></li>
    <li><a href="about.php">ABOUT</a></li>
  </ul>
</div>
</nav>
<div class="about">
  <h1>TEST OF KNOWLEDGE</h1>
  <p>A multiple-choice question is a type of questionnaire/survey question that
provides respondents
  with multiple answer options. Sometimes called objective response
questions, it requires
  respondents to select only correct answers from the choice options. MCQs
are mostly used
  in educational testing, customer reviews, market research, elections, etc.
  For students and professionals, it is not an easy time as the exam pattern,
technology, course,
  cr iteria of interview goes on changing every year. Objective Quiz is a portal is
loaded with
```

MCQ - Multiple choice questions, keeping an eye on latest technology trends and competitive exam patterns.</p>

</div>

</p>

</body>

</html>

Config file :-

Source Code :-

```
<?php
```

```
$conn=mysqli_connect('localhost','root','', 'P1');
```

```
?>
```

CSS file :-

```
*{
    text-decoration: none;
}

body {
    background-position:center;
    background-size: contain;
    background: linear-gradient(115deg,rgba(37, 233, 200, 0.8),rgba(236, 234,
236, 0.5)),
    url(IMG2.jpg);
    /* background-image:url("IMG1.jpg");*/
    background-size: cover;
    background-repeat: no-repeat;
    height: 100vh;
    background-attachment: fixed;
}

nav{
    /* background-color: rgb(0,0,0,0.6);*/
    height: 80px;
    width: 100%;
}

label.logo{
    color:white;
    font-size:5VH;
    line-height: 50px;
    padding: 0 30px;
```

```
font-weight: bold;
padding-right: 60px;
font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
}
nav ul{
    float:right;
    margin-right: 20px;
}
nav ul li{
    display: inline-block;
    line-height: 80px;
    margin: 0 40px;
    color: aliceblue;
}
nav ul li a{
    color: white;
    font-size: 20px;
    text-decoration: underline;
    font-weight: bold;
    text-decoration: none;
}
/* Change the color of links on hover */
a:hover {
background-color: #ddd;
color: black;
}
```

```
/* Add a color to the active/current link */
a.active {
background-color: #04AA6D;
color: white;
}
/*a: hover{
    color: black;
    transition: 0.5s;

}*/
.form{
    width:250px;
    height:330px;
    backdrop-filter: blur(40px);
    position:absolute;
    top:150px;
    left:500px;
    border-radius:10px;
    padding:25px;
    padding-top: 70px;
}
.form h2 {
    width: 220px;
    font-family: sans-serif;
    text-align: center;
```

```
    color: #10a9bd;
    font-size: 22px;
    background-color: #fff;
    border-radius: 10px;
    margin: 2px;
    padding: 8px;
}

.form input{
    width:240px;
    height:35px;
    background:transparent;
    border-bottom:1px solid rgb(196, 237, 135);
    border-top:none;
    border-right:none;
    border-left:none;
    color:#fff;
    font-size:15px;
    letter-spacing:1px;
    margin-top:20px;
    font-family:sans-serif;
}

.form input:focus{
    outline:none;
}

::placeholder{
    color:#fff;
```

```
    font-family:Arial;
}
.btn{
    width:240px;
    height:40px;
    background:rgba(37, 123, 223, 0.8);
    border:none;
    margin-top:30px;
    font-size:18px;
    border-radius:10px;
    cursor:pointer;
    color:#fff;
    text-align: center;
}
.Question1{
    padding-left: 3vw;
}
.Question1 ol{
    padding-left: 5svw;
}

.link p{
    font-size: 3vh;
    color: rgb(14, 19, 16);
```

```
padding-left: 26px;
text-decoration: none;
font-weight: bold;
}
.language{
  font-weight: bold;
  font-size: 4vh;
  font-family: 'Times New Roman', Times, serif;
  padding-left: 40vw;
  padding-top: 4vh;
  text-decoration: none;
  padding-bottom: 2vh;
}
.language a ul{
  color: rgb(11, 11, 11);
}
.language:hover{
  background-color: rgba(178, 80, 206, 0.307);
}
.language1:hover{
  background-color: rgba(178, 80, 206, 0.307);
}
.language2:hover{
  background-color: rgba(178, 80, 206, 0.307);
}
.language3:hover{
```

```
        background-color: rgba(178, 80, 206, 0.307);
    }
    .language4:hover{
        background-color: rgba(178, 80, 206, 0.307);
    }
    .language1{
        font-weight: bold;
        font-size: 4vh;
        font-family: 'Times New Roman', Times, serif;
        padding-left: 40vw;
        padding-top: 4vh;
        text-decoration: none;
        padding-bottom: 2vh;
        color: black;
    }
    .language1 a ul{
        color: rgb(14, 13, 13);
    }
    .language2{
        font-weight: bold;
        font-size: 4vh;
        font-family: 'Times New Roman', Times, serif;
        padding-left: 40vw;
        padding-top: 4vh;
        text-decoration: none;
        padding-bottom: 2vh;
```

```
    color: black;
}
.language2 a ul{
    color: rgb(17, 17, 17);
}
.language3{
    font-weight: bold;
    font-size: 4vh;
    font-family: 'Times New Roman', Times, serif;
    padding-left: 40vw;
    padding-top: 4vh;
    text-decoration: none;
    padding-bottom: 2vh;
    color: black;
}
.language3 a ul{
    color: rgb(9, 9, 9);
}

.language4{
    font-weight: bold;
    font-size: 4vh;
    font-family: 'Times New Roman', Times, serif;
    padding-left: 40vw;
    padding-top: 4vh;
    text-decoration: none;
```

```

padding-bottom: 2vh;
color: black;

}

.language4 a ul{
    color: rgb(7, 7, 7);
}

label{
    font-weight: bold;
    font-size: 3vh;
}

.java {
    text-align: justify;
    font-size: 3vh;
    float: right;
    width: 75vw;
    height: 22vh;
}

.CPlus{
    text-align: justify;
    font-size: 3vh;
    float: right;
    width: 75vw;
}

.r img{
    width: 20vw;

```

```
padding-top: 3vh;  
height: 30vh;  
}  
.imgjava img{  
padding-top: 2vh;  
}
```

```
.python {  
text-align: justify;  
font-size: 3vh;  
float: right;  
width: 75vw;  
}
```

```
.p img{  
width: 20vw;  
padding-top: 3vh;  
height: 30vh;  
}
```

```
.C {  
text-align: justify;  
font-size: 3vh;  
float: right;  
width: 75vw;  
}
```

```
.c img{  
width: 20vw;
```

```
padding-top: 3vh;
height: 30vh;
padding-top: 4vh;
}
.html {
text-align: justify;
font-size: 3vh;
float: right;
width: 75vw;
}
.ht img{
width: 20vw;
padding-top: 3vh;
height: 30vh;
}
.imgjava p{
font-size: 3vh;
font-weight: bold;
padding-left: 5vh;
}

.r p{
font-size: 3vh;
font-weight: bold;
padding-left: 5vh;
}
```

```
.p p{
  font-size: 3vh;
  font-weight: bold;
  padding-left: 5vh;
}

.ht p{
  font-size: 3vh;
  font-weight: bold;
  padding-left: 5vh;
}

.c p{
  font-weight: bold;
  font-size: 3vh;
  padding-left: 5vh;
}

.about p{
  padding-top: 2vh;
  font-size: 4vh;
  text-align: justify;
  padding-left: 10vh;
  padding-right: 10vh;
  font-family: Verdana, Geneva, Tahoma, sans-serif;
}

.about h1{
  padding: auto;
  padding-left: 40vw;
```

```

}

.coding li{
    color: rgb(14, 130, 14);
    list-style-type: none;
    font-weight: bold;
    font-size: 3vh;
}

.SUBMIT{
    height: 5vh ;
    width: 30vw;
    background-color:black;
    color: green;
    font-weight: bold;
    font-size: 3.5vh;
    margin-left:33vw ;
}

.starth{
    text-align: center;
    margin-top: 10vh;
}

.startb{
    width:18vh;
    height:7vh;
    border-radius: 10vh;
    background-color: rgba(0, 109, 176, 0.238);
    margin-left: 90vh;

```

```
margin-top: 10vh;
margin-bottom: 20vh;

}

.startb:hover{
background-color:rgba(178, 80, 206, 0.307);
}

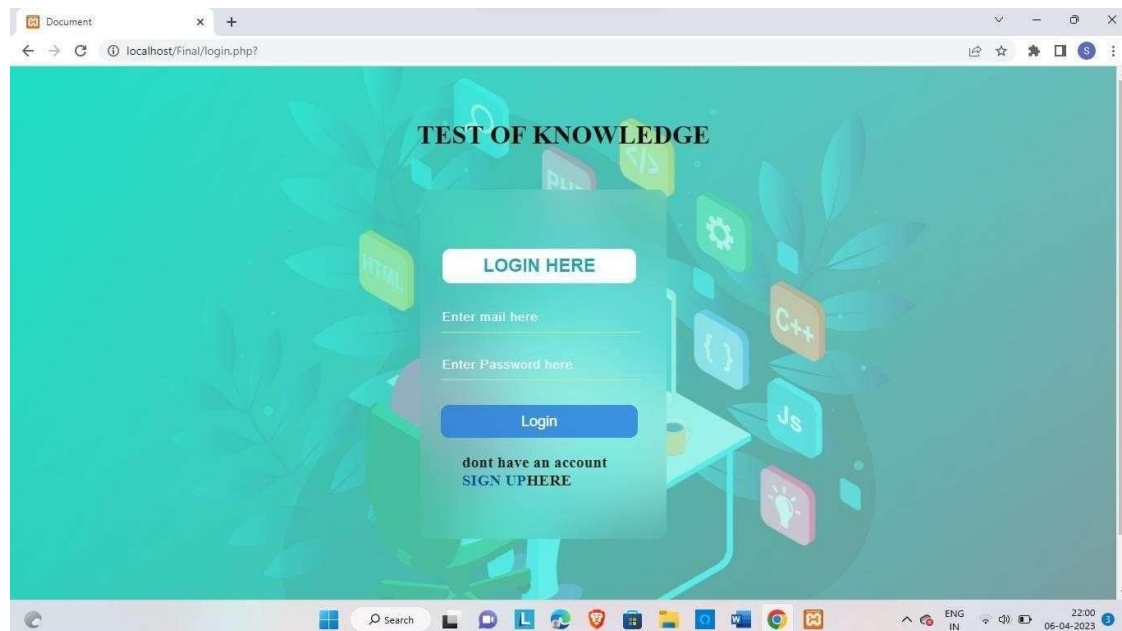
.startp{
font-size: 4vh;
margin-left: 15vh;
margin-right: 15vh;
margin-top: 10vh;
font-family:'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
justify-content: center;
}

.form textarea{
background:transparent;
border-bottom:1px solid rgb(196, 237, 135);
border-radius: 30px;
outline: none;
font-size: 2vh;
text-align: justify;
font-size:15px;
padding-right: 2vh;
}
```

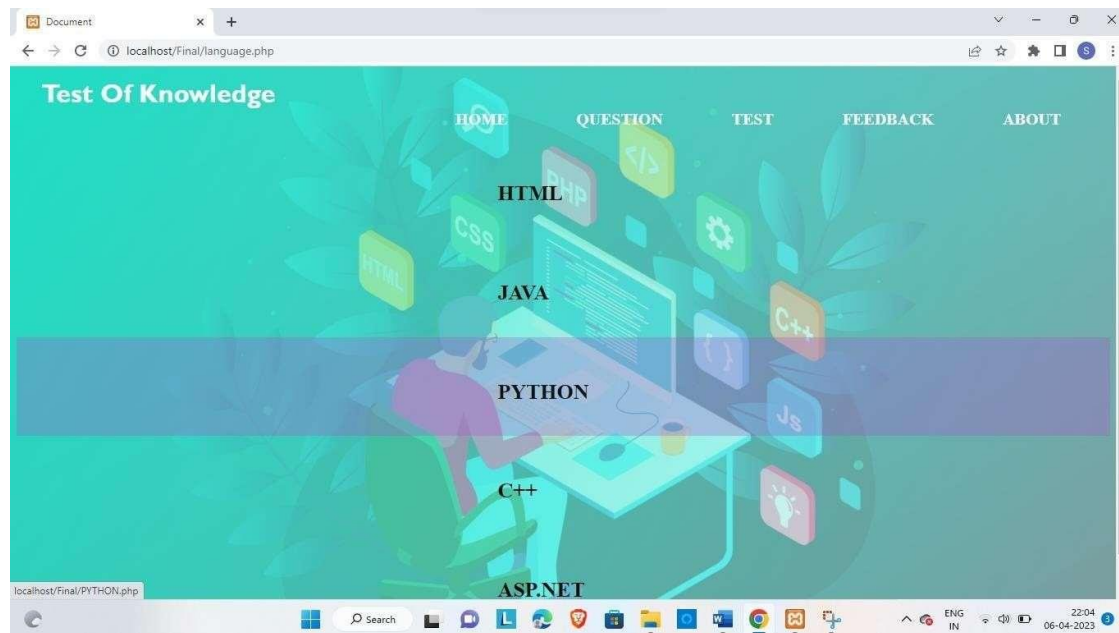
Registration Page



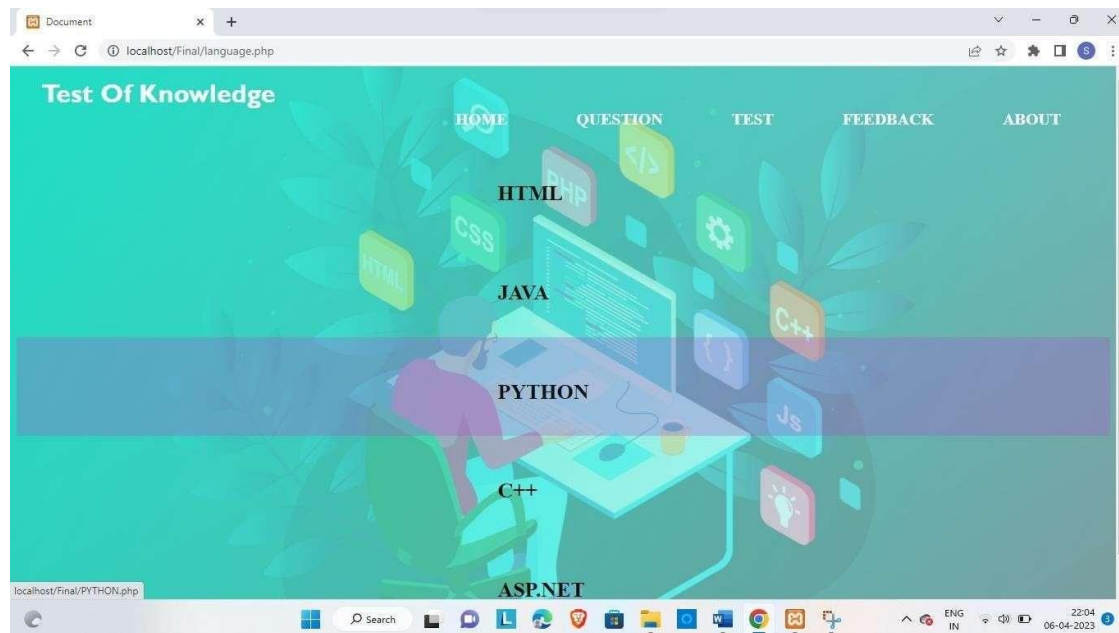
Login Page



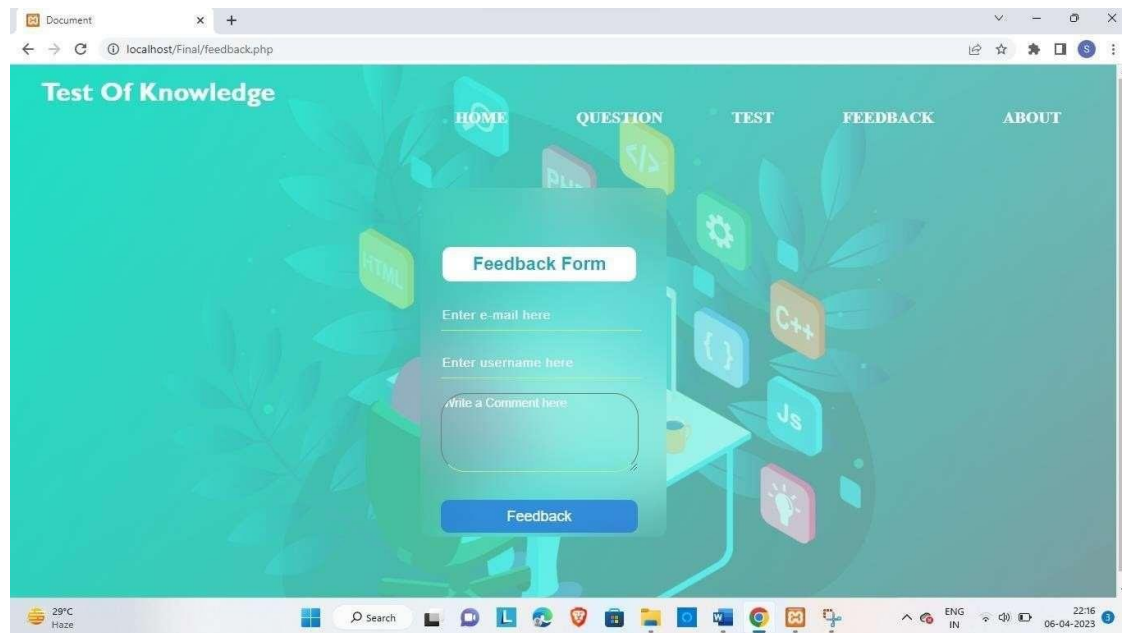
Question Page :-



Test Page :-



Feedback Page



TESTING AND VALIDATIONS

TESTING:

Software testing is a process which is used to measure the quality of software developed. It is also a process of uncovering errors in a program and makes it a feasible task. It is useful process of executing program with the intent of finding bugs. In order to prove that a piece of software works, the software must be tested to determine if the requirements of the application are met. There are several different types used throughout the development process.

TYPES OF TESTING

Unit testing:

This is a type of testing where individual units or components of the software are tested in isolation from the rest of the system. The purpose of unit testing is to verify that each unit of the software works as intended.

Security testing:

This type of testing is performed to ensure that the software is secure and resistant to various types of cyber-attacks, such as SQL injection, cross-site scripting, and others.

Integration testing:

This type of testing is performed to verify that different components of the software work together as expected. Integration testing can be performed at different levels, including API integration testing, database integration testing, and user interface integration testing.

SYSTEM SECURITY MEASURES

SYSTEM SECURITY MEASURES:

We respect the privacy of individual and will never do anything which will violate the personal space of our user. In this project, as of now there is no need to provide user personal information.

Therefore, there is a proper management of such privacy or security concern related to the personal information of our Users. Also, we will never disclose the personal information of user such as Phone number, Email address, Location, etc. The user can trust on us and freely surf through our website. We do not and will never post their projects without their consent.

A system is said to be secure if its resources are used and accessed as intended under all the circumstances, but no system can guarantee absolute security from several of the various threats and unauthorized access.

Security measures will be taken:

Confidentiality:

If any user is sharing their personal details in login form it will be secure safely as only users can access such information.

Data encryption:

Encrypt all data that is transmitted between the user's browser and the quiz website to prevent interception or eavesdropping by malicious third parties.

Access control:

Ensure that users only have access to the features and data that they are authorized to access, and implement appropriate access control mechanisms to prevent unauthorized access.

Secure authentication:

Ensure that user authentication is secure, using strong passwords, multi-factor authentication, or other authentication mechanisms to prevent unauthorized access to user accounts.

IMPLEMENTATION, EVALUATION AND MAINTENANCE

IMPLEMENTATION:

The implementation process starts with planning for implementation where relationships among various tasks have to be identified and established, schedules for completing all the tasks should be prepared, cost estimates for various tasks have to be drawn up, and a reporting and control system has to be established. Once the planning is done, the implementation process can be executed smoothly. The steps in the process include: organizing for implementation, developing procedures for implementation, training the users, acquiring hardware and software, developing forms for data collection, developing files for storage of data, testing the system, cutover, and documenting the system.

Implementation is a process of ensuring that the information system is operational.

It involves –

- Constructing a new system from scratch
- Constructing a new system from the existing one.

Implementation allows the users to take over its operation for use and evaluation. It involves training the users to handle the system and plan for a smooth conversion.

Evaluation:

After the MIS has been operating smoothly for a short period of time, an evaluation of each step in the design and of the final system performance should be made. Evaluation should not be delayed beyond the time when the system's analysts have completed most of the debugging. The longer the delay, the more difficult it will be for designer to remember important details.

The implementation process should be followed by evaluation of the implementation. The MIS can be evaluated for the efficiency with which the allocated resources are utilized in

the development/implementation and the effectiveness of its usage after the implementation. Typically, there are challenges galore in implementing the MIS. The top management's commitment toward the MIS implementation is the strongest defence that can be built up against all these challenges. The top management's support helps the organization to win over the different challenges and problems that can surface during the implementation.

Maintenance:

Maintenance means restoring something to its original conditions. Enhancement means adding, modifying the code to support the changes in the user specification. System maintenance conforms the system to its original requirements and enhancement adds to system capability by incorporating new requirements. Thus, maintenance changes the existing system, enhancement adds features to the existing system, and development replaces the existing system. It is an important part of system development that includes the activities which corrects errors in system design and implementation, updates the documents, and tests the data. Control and maintenance of the system are the responsibilities of the line managers. Control of the systems means the operation of the system as it was designed to operate.

Sometimes, well-intentioned people or operators may make unauthorized changes to improve the system, changes that are not approved or documented. Maintenance is closely related to control. Maintenance is that ongoing activity that keeps the MIS at the highest levels of effectiveness and efficiency within cost constraints.

FUTUTRE SCOPE OF WEBSITE

Providing more security: In future this website can be updated with more security as many users personal information cannot be hacked and also any user will not be hesitating to access or visit the website as more security features will be developed in updated version.

Global Reach: In future this website can be made globally Access as such platforms can be developed so that website can be reached.

Additional features: Efforts can be made in future for adding and developing websites with additional features such as video facilities related to good deeds or work made by public.

Feedback and explanations: Quizzes can offer immediate feedback and explanations for incorrect answers, which can help users learn from their mistakes and reinforce their knowledge.

Mobile optimization: As more and more people use mobile devices to access the internet, quiz websites should be optimized for mobile devices to ensure a smooth user experience.

CONCLUSION

CONCLUSION

- A programming quiz website can be a valuable resource for anyone who wants to test their knowledge of programming concepts, languages, and tools. Such a website can offer a variety of quizzes with varying levels of difficulty, which can be helpful for beginners as well as experienced programmers looking to challenge themselves.
- Programming quiz websites can also provide instant feedback and explanations, which can help learners identify areas where they need improvement and focus their efforts on strengthening their skills. Additionally, quiz websites can be a useful tool for educators and trainers who want to assess their students' understanding of programming concepts and provide additional practice exercises.
- a well-designed programming quiz website can be an effective and engaging way to learn about programming languages and concepts, test one's knowledge, and improve one's programming skills.

BIBLIOGRAPHY

BIBILIOGRAPHY

While developing this project, internet was the eternal support. Following are the websites referred by us which helped us in developing our project:

1. www.Javatpoint.com
2. www.Google.com
3. YouTube.com
4. <https://www.sanfoundry.com/java-questions-answers-freshers-experienced/>
5. <https://www.geeksforgeeks.org/java-multiple-choice-questions/>

**A
PROJECT SYNOPSIS
ON
“Test Of Knowledge”**

**Submitted to
G. S. COLLEGE OF COMMERCE & ECONOMICS, NAGPUR
AUTONOMOUS
In the Partial Fulfillment of
B.Com. (Computer Application) Final Year**

**Synopsis Submitted by
Rewa Bwangade
Sumit kanojiya**

**Under the Guidance of
Pravin J. Yadao**



**Shiksha Mandal's
G. S. COLLEGE OF COMMERCE & ECONOMICS, NAGPUR
AUTONOMOUS
2022-2023**

1. Introduction: (Write 4 to 5 lines)

“Test of Knowledge” is a project which contains the questions based on number of languages like java, python, vb.net and asp.net etc. The users can participate in all quizzes to test and enhance their knowledge about fundamentals of programming.

This website is developed for educational purpose. In a single quiz test there will be limited number of questions and for each correct answer user will get the score. This will be a user friendly quiz application which will contain numbers of quizzes with correct answers.

2. Objectives of the project: (Write only 5 points)

- To enhance knowledge
- Clear fundamentals of programming
- Quizzes are used in schools and university to aid in language development
- Being fun to participate in but with a competitive element
- It promotes healthy debate amongst participants in order to learn from each other

2. 3. Project Category: Quiz Website

4. Tools/ Platform/ Languages to be used:

Platform: Visual Studio Code, XAMPP, Notepad

Languages: HTML, CSS, Java Script, PHP, MySQL

5. Scope of future application: (Write 4 to 5 points)

- We can be used anywhere anytime as it is web based application.
- This application can be used in Educational Institute.
- This will provide an interactive and fun tool for the students to learn and educate themselves.
- This would replace an old and boring test system .
- In future, question based o the different stream will be added here too

Submitted by,

Rewa bawangade

Sumit kanojiya

Name and Signature of the student

Approved by,

**Prof. Pravin Yadao
Project Guide**
