QUIZBUZZ…!

A Skill Oriented Course Web Application report

Submitted in the partial fulfilment of the requirements for

the award of the degree of

Bachelor of Technology

In

Computer Science and Engineering
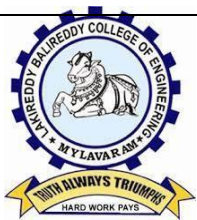
by

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Department of Computer Science and Engineering
Lakireddy Bali Reddy College of Engineering (Autonomous)
Accredited by NAAC & NBA (Under Tier - I)
Affiliated to JNTUK, Kakinada; ISO 9001:2015 Certified
2023-24

CERTIFICATE

This is to certify that the **"20CSS2-Web Application Development using Full Stack Module-I (Frontend Development)"** project entitled "**QUIZBUZZ…!**" is being submitted by **CH.YUVA PRASANTHI(22761A0509)** in partial fulfilment for the award of B. Tech in Computer Science & Engineering to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by him/her under our guidance.

The results embodied in this Skill Oriented Course Web Application / Project report have not been submitted to any other University or Institute for the award of any degree or diploma.

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External Examiner

ACKNOWLEDGEMENT

I would like to thank **Dr. S. Nagarjuna Reddy,** Associate Professor**,** CSE department for the encouraging and support in carrying out this Skill Oriented Course Web Application.

I also take the privilege to record my thanks to **Dr. D. Veeraiah,** Professor, Head of the Department of CSE whose encouragement, cooperation and valuable support crown my success.

I express my thanks to the support given by management in completing my Web Application / Project. I also express my sincere gratitude & deep sense of respect to the Principal, **Dr.K. Appa Rao** for making us available all the required assistance and his support and inspiration to carry out this Skill Oriented Course Web Application / Project in the Institute.

I am thankful to the teaching and non-teaching staff of CSE department for their direct as well as indirect help in my Skill Oriented Course Web Application / Project.

I am elated to avail my selves to this opportunity to express my deep sense of gratitude to my parents.

ABSTRACT

Abstraction for the QuizBuzz…! Website:

The QUIZBUZZ..! website presented is an abstraction of a comprehensive platform designed to assessing knowledge to reinforcing learning. They can be used in education for student evaluation, in training programs for skill assessment, or even for entertainment. Quizzes engage participants, promote active learning, and provide valuable feedback. Below is an abstraction of the essential components and functionalities:

Identity and Branding:

The website establishes a strong brand identity with the name "QUIZBUZZ…!" and a visually appealing logo (QUIZ). The color scheme, including the maroon background in navigation bar and white color for the text in navigation bar, creates a calming and inviting atmosphere.

Navigation:

The navigation bar provides clear and accessible links to key sections of the website, including Search bar, Home, Login, Sign in, About and also logo. Links are styled with a bold font, maintaining consistency throughout the website, and exhibit a hover effect for visual feedback.

Home Section:

The home section serves as the entry point, welcoming users with an image to attract their attention, also gave information about our app like certificates given, tests available, and also given the logos company's in which our certificate is eligible, there is a small feedback form. And also gave images of those particular languages, these images are linked with their quiz section. Finally we gave the information about our app like through which way they can contact us.

Login Section:

The "Login section" section consists of a blurred background image and a login container consists of username with text field and password with text field the password should start with capital letters and then small letters, numbers and then a login button. There is also a link at the end to the sign in page if you are not registered in our website.

Sign in Section:

The "Sign in section" section consists of background image and a signup container consists of name with text field and password with text field the password should start with capital letters, confirm password, phone number which accepts only 10 numbers, email id. At last consists of submit button and clear button to clear the contents.

About Us Section:

The "About Us" section provides information about our mission and details about developers of our website. While the abstraction doesn't provide specific content, this section would typically provide details about the company's commitment.

Styling and Responsive Design:

The CSS styling is well-organized, with clear separation of styles for different sections. Responsive design principles are applied, ensuring a consistent and visually pleasing experience across various devices.

LIST OF
CONTENTS

1.INTRODUCTION

Welcome to Quizbuzz…!
    Are you ready to challenge your knowledge, have fun, and discover new facts? Look no further! Our [Quiz App Name] is your go-to destination for an engaging and entertaining quiz experience.

KEY FEATURES:

Diverse Quizzes: Explore a wide range of quizzes covering topics of programming languages . There's something for everyone!
User-Friendly Interface: Navigate with ease through our intuitive and user-friendly interface. Enjoy a seamless quiz-taking experience without any hassle.
Personalized Experience: Once try your quiz journey with customizable settings. Choose your preferred difficulty level, time limits, and topics to make each quiz uniquely yours.
Compete with Friends: Challenge your friends and see who reigns supreme. Our app lets you compete in real-time, adding a social and competitive edge to your quiz experience.
Track Yor Progress: Monitor your quiz history, see your scores, and track your improvement over time. Set personal goals and strive to beat your best scores.
Daily Challenges: Stay engaged with our daily challenges. Test your knowledge every day and earn rewards for consecutive participation.
Educational and Fun: Whether you're looking to learn something new or just have a good time, our quizzes strike the perfect balance between education and entertainment.

WHY QUIZBUZZ…?

Quality Content: Our quizzes are curated to provide accurate and interesting information, ensuring a valuable experience for users.
Regular Updates: Expect fresh content regularly! We keep our quizzes up-to-date to reflect the latest trends and information.
Community Engagement: Join a community of quiz enthusiasts. Share your achievements, compete with others, and make learning a social experience.

Get Started Today!
    Go to the QUIZBUZZ…! Website now and embark on a journey of knowledge, fun and friendly competition. Whether you're a trivia buff or a casual learner, our app is designed for everyone. Let the quizzing adventure begin!

2 .MODULES

User Authentication:
Allow users to register, log in, and manage their accounts. This is crucial for tracking user progress, storing preferences, and enabling personalized experiences.

Quiz Creation and Management:
Provide tools for creating quizzes, including options for different question types, difficulty levels, and categories. Enable quiz authors to input correct answers and explanations.

Quiz Catalog:
Display a catalog of available quizzes, categorized by topics or difficulty levels. Include search and filtering options to help users find quizzes of interest.

Quiz Taking Interface:
Display a catalog of available quizzes, categorized by topics or difficulty levels. Include search and filtering options to help users find quizzes of interest.

Scoring and Results:
Calculate and display scores after user complete quizzes. Offer detailed feedback on correct and incorrect answers. Provide overall performance summaries and shareable results.

Leaderboards:
Implement leaderboards to showcase top performers. Include both global and category-specific leaderboards to foster competition.

User Profiles and Progress Tracking:
Allow users to view and manage their profiles, track quiz history, and monitor overall progress. Include features like achievements or badges for added engagement.

Social Sharing:
Certificate sharing options will enable users to share quiz results, achievements on social media platforms. This can enhance user acquisition and engagement.

Feedback:
Include a mechanism for users to provide feedback on questions, report issues, or suggest improvements. This helps in maintaining the quality of quiz content.

3 .TECHNOLOGIES USED

HTML(Hypertext Markup Language)

Definition:
HTML is the standard markup language for creating the structure and content of web pages. It provides a set of elements (tags) that define the various parts of a web page.

Purpose:
Structure: HTML defines the structure of a document using elements such as headings, paragraphs, lists, and more.
Hyperlinks: HTML includes tags for creating hyperlinks, allowing navigation between different pages or resources on the web. Forms: HTML provides form elements for user input, enabling data collection and interaction.

HTML Element(\<html\>):
The \<html\> element is the root element, encapsulating the entire HTML document.
Syntax:
\<html\>
  \<-- Content goes here --\>
\</html\>

Head Element(\<head\>):
The \<head\> section contains meta-information, including the document title, character set, and links to external resources like linked stylesheets.
Syntax:
\<head\>
 \<title\>Your Title\</title\>
 \<-- Other meta tags and stylesheets --\>
\</head\>

Title Element(\<title\>):
\<title\> sets the title of the HTML document displayed on the browser's title bar or tab.
Syntax:
 \<title\>Your Title\</title\>

Body Section(\<body\>):
The \<body\> section contains the main content of the HTML document, such as text, images, links, etc.
Attributes: bgcolor="color",background="path"
Syntax:
\<body\>
 \<-- Content goes here --\>
\</body\>

Heading Tags(\<h1\>):
\<h1\> to \<h6\> for headings of different levels, where \<h1\> is the highest and \<h6\> is the lowest.
Syntax:
\<h1\>Heading 1\</h1\>
\<h2\>Heading 2\</h2\>

Paragraph Tag(\<p\>):
Defines a paragraph of text.
Syntax:

```
<p>This is a paragraph</p>
```

Unordered List(`<ul>`):
Used create unordered lists.
Syntax:
```
<ul>
 <li>Item 1</li>
 <li>Item 2</li>
</ul>
```

Ordered List(`<ol>`):
Used create unordered lists.
Syntax:
```
<ol>
 <li>Item 1</li>
 <li>Item 2</li>
</ol>
```

Anchor Tag(`<a>`):
Used for hyperlinks.
Attributes: href="ur", target="url".
Syntax:
```
<a href="google.com">Visit Example</a>.
```

Image Tag(`<img>`):
Used for embed images.
Attributes: src="url", alt="not found", height="10px", width="10px"
Syntax:
```
<img src="image.jpg" alt="Description">.
```

Form(`<form>`):
Used for user input and form submission.
Syntax:
```
<form action="/submit" method="post">
  <-- Form elements go here -->
</form>
```

Input Tag(`<input>`):
Used for various inputs type(text,password,email..etc)
Syntax:

Button Tag(`<button>`):
Used to submit the form content

Table Tag(`<table>`):
Used for creating tables.
`<th>`: Used to insert headings.
`<tr>`: Used to insert data in rows.
Attributes: align="left", cellpadding="2", cellspacing="2", colspan="2", rowspan="2".
Syntax:
```
<table>
 <tr>
  <th>Header 1</th>
  <th>Header 2</th>
 </tr>
```

```
 <tr>
  <td>Data 1</td>
  <td>Data 2</td>
 </tr>
</table>
```

Header(<header>):
Used to add header sections.

Footer(<footer>):
Used to add footer sections.

Navigation(<nav>):
for navigation menus.

Comments:
Used to give information about code.
Syntax:
<!-- Comment goes here -->.

Division(<div>):
Defines a division or a section in document.
Syntax:
```
<div>
 <-- Content goes here -->
</div>
```

Marquee(<marquee>):
Used for scroll a text or image either from left to right or right to left.
Attributes: width="10px", height="10px", direction="up", scrollamount="11", loop="5", bgcolor="red";
Syntax:
<marquee direction="right">lbrce</marquee>

Frames(<frame>):
Used to divide a webpage into multiple sections.
Attributes: src="url", name="f1".
Syntax:
```
<frameset rows="20%,*>
 <frame src="font.html" name="f1">
</frameset>
```

CSS(Cascading Style Sheets)

Definition:
    The main objective of CSS is to add the beautification to the static webpages. It controls how HTML elements are displayed on the screen or in other media.

Purpose:
Styling: CSS defines the visual presentation of HTML elements, including layout, colors, fonts, and spacing.
Layout: It controls the arrangement of elements on a page, determining how they should be positioned and sized.
Responsive Design: CSS enables the creation of layouts that adapt to different screen sizes and devices.
Animations and Transitions: CSS can be used to add animations and transitions, enhancing the user experience.

Selectors:
Normal Selector:
    It is used to provide styles for 1 element
Syntax: h1{color: green};

Group Selector:
    It is used to provide same style for multiple elements
Syntax: h1,h2,p{color: yellow}

Id Selector:
    It is used to create a style and it is applicable for more than one html tags.
Syntax:
```
#name
{
//rules
}
```

Class Selector:
    It is similar to id selector but we need to use class name.
Syntax:
```
.name
{
//rules
}
```

Inline style sheets:
    Used to design a style rule for a specific html element.

Embeded style sheet:
    Used to design a style for the entire webpage.

External style sheet:
    It is a separate document of several style rules and saved with ".css" extension.

Background-color:
    Used to assign same color as background.
Syntax: background-color= color: red.

Background-image:
    Used to set the image as background.

Syntax: background-image=url("path")

Background-position:
Used to change the position of the background image
Syntax: background-position=top

Color:
Used to add text color using hexcodes(#RRGGBB)
Syntax: color = "#00ff00"

Text-align:
Used to specify position of the text in the particular html element.
Syntax: text-align: left;

Font-size:
Used to add the size of font.
Syntax: font-size: 20px;

Text-decoration:
Used to apply the decoration by adding lineto aprticular text.
Syntax: text-decoration: overline

Position:
Used to specify type of position method used for html.
Syntax: position: absolute.

Padding:
Used add space between the contents contents and borders
Syntax: padding: 8px;

Hyperlink status:
a: visited {link visited}
a: active {link currently active}
a: hover {link when mouse cursor on that link}

Border-style:
Used to add borders.
Syntax: border-style: dotted;

Border-color:
Used to assign same border color
Syntax: border-color: violet;

Border-width:
Used to change width of border
Syntax: border-width: 20px;

Cursor property:
Used to change the cursor style
Syntax: zoom-in;

Margin property:
Used to add space between window borders and elements.
Syntax: margin-top:20px

Opacity:

    Used to control the transparency of an image or elements.

Syntax: opacity: 2.3;

Display:

    Grid: It allows you to create complex layouts with rows and columns providing a powerful and flexible way to structure   content.

    Flex: It allows you to design complex layouts more efficiently and with less code.

Syntax: display: flex;

Box-shadow:

    Used to add shadow with given color to the box

Syntax: box-shadow: #ffff

JAVASCRIPT

Definition:
   JavaScript is used to add dynamic nature or user interaction with the static web page. To add java script code in html use script tag.

Purpose:
Client-Side Scripting: JavaScript runs on the client's browser, allowing for dynamic changes to the content without requiring a page reload.
DOM Manipulation: It can manipulate the Document Object Model (DOM), allowing changes to the structure and content of a page in response to user actions.
Event Handling: JavaScript handles user events like clicks, key presses, and form submissions, triggering corresponding actions. Asynchronous Operations: JavaScript supports asynchronous operations, such as fetching data from a server without blocking the rest of the page.
Validation: It can perform client-side validation of user input before data is submitted to a server.

Uses:
--- Script means small piece of code.
---Java script you can easily create interactive web pages.
---It is designed to add interactivity to HTML pages.
---Scripting languages are two kinds one is client-side other one is servers-side scripting.

In general client-side scripting is used for verifying simple validation at client side, server-side
scripting is used for database verifications. VBScript, java script and J script are examples for clientside scripting and ASP,JSP, servlets etc.are examples of server-side scripting.
 page.

-- Java script code as written between <script> ----</script>tags.
-- Java script ignores white space
-- Java script is case sensitive language
-- Script program can save as either. Js or. Html

The syntax of the script tag is as follows:
<script language=""""scripting language name"""">
//code
</script>

Variables:
in JavaScript, the var keyword is used to declare a variable. Variables declared with var are function-scoped, which means they are only accessible within the function in which they are declared. If a variable is declared outside of any function, it becomes a global variable and is accessible throughout the entire program
syntax:
var variableName;

Data Types:
Primitive types: string, number, boolean, null, undefined.
Objects: object, array, function

Operators:
Arithmetic operators (+, -, *, /, %)
 comparison operators (==, ===, !=, !==)
logical operators (&&, ||, !).
Ternary operator (? :) for conditional expressions.

Control Flow:
Conditional statements: if, else if, else.
Loops: for, while, do-while.
switch statement for multi-case scenarios.

Functions:
functions are a crucial part of the language, allowing you to encapsulate and reuse blocks of code.
function declaration:
A function is declared using the function keyword
Syntax:
```
function functionName(parameters) {
  // code to be executed
}
```

window object:
The window object is a global object in the browser environment, and it represents the window in which the script is running.
methods:
window.alert(): used to display or warning message
window.confirm(): to display the confirm dialog
window.prompt(): used to read the input from the user.
window.open(): opens a new browser window or a new tab.
window.close(): closes the current window.

Document object model:
The DOM is a programming interface that represents the structure of a document as a tree of objects.
It allows scripts to dynamically access and manipulate the content, structure, and style of a document.

Selecting Elements:
Methods like getElementById(), getElementsByClassName(), getElementsByTagName(), and querySelector() are used to select elements from the document.
syntax:
```
const elementById = document.getElementById('myElement');
```

Manipulating Content:
Properties like innerHTML, innerText, and textContent allow manipulation of the content within elements.
synatx:
```
element.innerHTML = '<p>New content</p>';
```

Style Manipulation:
The style property allows modification of element styles.
syntax:
```
element.style.color = 'red';
```

Event handling:
Event handling in JavaScript is a fundamental aspect of building interactive and dynamic web applications. It involves capturing and responding to events triggered by user actions or other sources.

Keyboard Events:
Keyboard events include 'keydown', 'keyup', and 'keypress'.
Event object contains information about the key pressed (event.key).
syntax:
```
document.addEventListener('keydown', function(event) {
  console.log('Key pressed:', event.key);
});
```

Mouse events:
Mouse events include 'click', 'mousedown', 'mouseup', 'mousemove', and more.
Event object provides information about mouse position (event.clientX, event.clientY).
syntax:

```
document.addEventListener('mousemove', function(event) {
  console.log('Mouse position:', event.clientX, event.clientY);
});
```

Regular expressions:
Regular expressions (regex or RegExp) in JavaScript are powerful tools for working with string patterns. They allow you to search, match, and manipulate strings based on a defined pattern.
Creating a Regular Expression:
Regular expressions can be created using the RegExp constructor or a literal syntax.
syntax:

```
const regex = /pattern/;
```

Metacharacters:
Metacharacters have special meanings in regular expressions.
Common metacharacters include ^, $, ., *, +, ?, (), [], {}, and \.

Character Sets:
Character sets [ ] match any single character from the set.
Use - for a range of characters.
Example:
/[0-9]/ matches any digit.

IMPLEMENTATION

Source code:

Login page:

```html
<html>
<head>
<style>
   body
{
   font-family: Arial, Helvetica, sans-serif;
}
.background-image {
   position: fixed;
   top: 0;
   left: 0;
   width: 100%;
   height: 100%;
   background-image: url('https://static.vecteezy.com/system/resources/previews/003/206/208/large_2x/quiz-time-neon-
signs-style-text-free-vector.jpg');
   background-size: cover;
   background-position: center;
   filter: blur(5px);
}
.login-container {
   position: absolute;
   top: 50%;
   left: 50%;
   transform: translate(-50%, -50%);
   background-color: rgba(255, 255, 255, 0.8);
   padding: 20px;
   border-radius: 5px;
   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
   width: 300px;
   text-align: center;
}

h1 {
   color: #333;
}

form {
   display: flex;
   flex-direction: column;
}
label {
   margin-bottom: 8px;
}
```

```
input {
   padding: 10px;
   margin-bottom: 15px;
   border: 1px solid #ccc;
   border-radius: 3px;
}
button {
   background-color: #267b29;
   color: white;
   padding: 10px;
   border-radius: 3px;
   cursor: pointer;
}
button:hover {
   background-color: #118917;
}
</style>
   <title>Login Page</title>
</head>
<body>
   <div class="background-image"></div>
   <div class="login-container">
      <h1>Login</h1>
      <form id="loginForm">
         <label for="username">Username:</label>
         <input type="text" id="username" name="username" required>
         <label for="password">Password:</label>
         <input type="password" id="password" name="password" pattern="^[A-Z][a-z]*[0-9]*" minlength="6"
placeholder="Enter password"required>
    <button type="submit">Login</button>
      </form>
         <p>Don't have an account? <a href="signin.html">Register here</a></p>
   </div>
</body>
</html>
```

Sign in page:
```
<html>
<head>
<style>
    body {
        font-family:Verdana, Geneva, Tahoma, sans-serif;
        background-repeat: no-repeat;
        background-size: cover;
        display: flex;
        flex-direction: column;
        align-items: center;
        justify-content: center;
        height: 100vh;
        margin: 0;
      }
   .background-image {
   position: fixed;
   top: 0;
   left: 0;
```

```css
        width: 100%;
        height: 100%;
        background-image: url('https://cdn.wallpapersafari.com/76/67/KTX74O.jpg');
        background-size: cover;
        background-position: center;

}
        form {
            border: 3px solid #f1f1f1;
            width: 500px;
            height:75vh;
            padding: 20px;
            box-sizing: border-box;
            background-color:rgb(171, 141, 165);
            border-radius: 3px;
            backdrop-filter: blur(100px);
        }
    container {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    background-color: rgba(255, 255, 255, 0.8);
    padding: 20px;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    width: 300px;
    text-align: center;
}
        input{
            width: 100%;
            margin: 8px 0;
            padding: 12px 10px;
            display:inline-block;
            border: 2px solid #2513ab;
            box-sizing: border-box;
            border-radius: 5px;

        }

        .button {
            background-color:rgba(230, 4, 4, 0.844);
            width: 100%;
            color: white;
            font-family:Verdana, Geneva, Tahoma, sans-serif;
            font-weight: bolder;
            padding: 10px;
            margin: 10px 0;
            border: none;
            cursor: pointer;
            border-radius: 5px;
        }
        .button:hover {
            opacity: 0.7;
            background-color: #088f4c;
        }
```

```html
</style>
  <title>signup</title>
  </head>
  <body >
  <div class="background-image"></div>
  <form>
  <h1 align="center">Sign Up</h1>
  <div class="container">
  <table cellspacing="10">
  <tr>
  <th align="left">Name :</th>
  <th  align="left"><input type="text" placeholder="enter full name"></th>
  </tr>
  <tr>
  <th align="left">Password :</th>
  <th  align="left"><input type="password" placeholder="password" span id="y" name="password" pattern="^[A-Z][a-z]*[0-9]*" minlength="6"  placeholder="Enter password"required></th>
  </tr>
  <tr>
  <th align="left">Confirm Password :</th>
  <th  align="left"><input type="password" placeholder="password" span id="z" name="password" pattern="^[A-Z[a-z]*[0-9]*" minlength="6"  placeholder="Enter password"required></th>
  </tr>
  <tr>
  <th align="left">Phone Number :</th>
  <th  align="left"><input type="number" pattern="[^9][0-9]{10}"></th>
  </tr>
  <tr>
  <th align="left">Email Id :</th>
  <th  align="left"><input type="email" placeholder="sample@example.com"></th>
  </tr>
  <tr cellpadding="2">
  <th><input type="submit" value="Submit" class="button" ></th>
  <th><input type="reset" value="clear" class="button"></th>
  </tr>
  </table>
  </div>
  </form>
  <script>
    var q=document.getElementById("y");
    var r=document.getElementById("z");
    </script>
  </body>
  </html>
```

Home page:
```html
<html>
  <style>
p{
  font-size: medium;
}
.p{
  font-size: 20px;
}
h5{
  text-align: center;
```

```css
    }
form {
    border: 3px solid #f1f1f1;
    width: 450px;
    padding: 30px;
    box-sizing: border-box;
    background-color: white;
  }
  .containera{

    padding: 50px;
    font-size: 25px;
    background-color: #EEE;
    height: 150px;
}
.containerb{
    border-radius: 30px;
    margin: 20px;
    padding: 50px;
    font-size: 25px;
    background-color: #EEE;
    height: 250px;

}
.containerc{
    padding: 50px;
    font-size: 25px;
    background-color: #EEE;
    height: 500px;

}
img{
  border-radius: 0px;
  opacity: 0.8;

}
.column{
  float: left;
  width:20%;
}
.grid{
  display: grid;
  grid-template-columns: repeat(auto-fit,minmax(160px,auto));
  grid:3rem;
}
form {
    background-color: #fff;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    width: 300px;
    }

    label {
      display: block;
      margin-bottom: 8px;
    }
```

```
        input {
            width: 100%;
            padding: 8px;
            margin-bottom: 16px;
            box-sizing: border-box;
        }
        button {
    background-color: #267b29;
    color: white;
    padding: 10px;
    border-radius: 3px;
    cursor: pointer;
}
button:hover {
    background-color: #118917;
}
</style>
<body>
    <img src="C:\Users\yuvap\Desktop\html\homepic.jpg" width="1270" height="650">
    <br><br><br>
    <div >
        <center><h1>Enhance your skills.....through QuizBuzz</h1></center>
    </div>
    <div class="containera">
     <div class="grid">
       <div class="1">
          <img src="pic1.svg" width="80" height="80">
          <h4>100+ languages<br>available</h4></div>
       <div class="1">
          <img src="pic2.svg" width="80" height="80">
          <h4>1000+ tests<br>available</h4>
       </div>
       <div class="1">
          <img src="pic4.svg" width="80" height="80">
          <h4>Certificates<br>Delivered</h4>
       </div>
    </div>
    </div>
    <br><br><br>
    <h1><center>LET'S START LEARNING....!</center></h1>
    <h3><center>Explore our categorical content and empower your knowledge</center></h3>
    <div class="containerb">
     <div class="grid">
       <div class="1">
       <a href="c.html"><img src="cpic1.svg" width="150" height="150"></a>
       <h5>c language</h5>
       </div>
       <div class="2">
       <a href="py.html"><img src="pythonpic1.svg" width="150" height="150"></a>
       <h5>Python</h5>
       </div>
       <div class="3">
       <a href="java.html"><img src="javapic.svg" width="150" height="150"></a>
       <h5>Java</h5>
       </div>
       <div class="4">
```

```html
        <a href="js.html"><img src="jspic1.svg" width="150" height="150"></a>
        <h5>JAVA SCRIPT</h5>
        </div>
        <div class="5">
        <a href="htm.html"><img src="htmlpic1.svg" width="150" height="150"></a>
        <h5>HTML</h5>
        </div>
        <div class="6">
        <a href="cs.html"><img src="csspic1.svg" width="150" height="150"></a>
        <h5>CSS</h5>
        </div>
     </div>
    </div>
    <br><br><br>
    <div class="containerb">
     <div class="grid">
        <div class="1">
        <img src="C:\Users\yuvap\Desktop\html\homepic2.webp" width="400" height="250"></div>
        <div class="2">
           <h3>Quiz one of the best way to enhance your skills</h3>
           <p class="p">visit our page regularly and keep attempting<br> tests then you increase your knowledge</p>
        </div>
     </div>
    </div>
    <div>
       <br><br><br>
    <h2>Our Certificate is Eligible for following Companies : </h2>
    <marquee><div class="grid">
      <div class="1"><img src="apple.webp" width="100" height="100"></div>
      <div class="1"><img src="tcs.jpeg" width="100" height="100"></div>
      <div class="1"><img src="capgemini.jpeg" width="100" height="100"></div>
      <div class="1"><img src="hdfc.jpeg" width="100" height="100"></div>
      <div class="1"><img src="intel.jpeg" width="100" height="100"></div>
      <div class="1"><img src="ibm.svg" width="100" height="100"></div>
    </div></marquee>
</div>
    <h2>FEEDBACK :</h2>
    <div class="containera">
       <form action="/submit-feedback" method="post">
          <label for="feedback">Feedback:</label>
          <input type="text" id="feedback" name="feedback" required>
          <button type="submit">Submit</button>
       </form>
    </div>
    <div class=containerc>
       <h4><img src="C:\Users\yuvap\Desktop\html\logopic4.jpeg" width="60" height="50">QuizBuzz</h4>
       <p>QuizzBuzz is a leading Ed Tech competition <br>striving to provide the best learning methods <br>on technical
and non-technical subjects.</p>
       <div class="grid">
          <div class="1"><img src="googleplay.svg"></div>
          <div class="1"><img src="appstore.svg"></div>
       </div>
    <div class="grid">
       <div class="1"><h4>About</h4>
       <p>> Company </p>
       <p>> Our Team </p>
```

```html
      <p>> Careers </p>
      <p>> Jobs </p>
      <p>> Become a Teacher </p>
      <p>> Affiliates </p>
      <p>> Contact Us </p></div>
      <div class="2"><h4> Terms</h4>
       <p>> Terms of use</p>
       <p>> Privacy Policy</p>
       <p>> Refund Policy</p>
       <p>> Coolies Policy</p>
       <p>> FAQ'S</p></div>
       <div class="3"><h4>Our Products</h4>
      <p>> Free Library</p>
      <p>> Articles</p>
      <p>> Coding Ground</p>
      <p>> Certifications</p></div>
      <div clas="4"><h4>Contact Us</h4>
      <p><img src="facebook.png" width="20px" height="20px"> Facebook</p>
      <p><img src="insta.png" width="20px" height="20px"> Instagram</p>
      <p><img src="google.png" width="20px" height="20px"> Google</p>
      <p><img src="telegram.png" width="20px" height="20px"> Telegram </p>
      <p><img src="phone.png" width="20px" height="20px"> +91 0089004005 </p>
       </div>
    </div>
    </div>
</body>
</html>

About:
<head>
   <style>
      body {
         font-family: Arial, sans-serif;

         background-color: #f8f8f8;
      }

      header {
         text-align: center;
         padding: 20px;
         background-color: #333;
         color: #fff;
      }

      section {
         margin-top: 20px;
      }
   </style>
</head>
<body>
   <header>
      <h1>About QuizApp</h1>
   </header>

   <section>
      <h2>Introduction</h2>
```

```
    <p>Welcome to QuizApp, your go-to platform for fun and engaging quizzes! Whether you're looking to test your
knowledge on a specific topic or just have a good time, we've got you covered.</p>
  </section>

  <section>
    <h2>Our Mission</h2>
    <p>At QuizApp, our mission is to provide a user-friendly and enjoyable quiz experience. We believe in the power of
learning through play and aim to create quizzes that are both entertaining and educational.</p>
  </section>

  <section>
    <h2>The Team</h2>
    <p>QuizApp is developed and maintained by a passionate team of quiz enthusiasts. Meet the minds behind the
quizzes:</p>
    <ul>
      <li>yuva prasanthi</li>
      <li>CSE-A</li>
      <li>22761A0509</li>
    </ul>
  </section>

  <section>
    <h2>Contact Us</h2>
    <p>Have questions or suggestions? Feel free to reach out to us at <a
href="">yuvaprasanthi2522@gmail.com</a>.</p>
  </section>
</body>
</html>
```

End code:
```
<html>
 <head>
 </head>
<frameset rows="16%, 84%" border="0">
 <frameset cols="8%,92%" border="0">
 <frame src="logo.html" name="frame">
 <frame src="navigation.html" name="frame1"></frame>
 </frameset>
 <frameset cols="13%,87%" border="0">
 <frame src="ques.html" name="ques">
 <frame src="home.html" name="main">
 </frameset>
</frameset>
</html>
```

About page:
```
<head>
  <style>
    body {
      font-family: Arial, sans-serif;

      background-color: #f8f8f8;
    }

    header {
      text-align: center;
```

```
        padding: 20px;
        background-color: #333;
        color: #fff;
      }

      section {
        margin-top: 20px;
      }
    </style>
</head>
<body>
   <header>
     <h1>About QuizApp</h1>
   </header>

   <section>
     <h2>Introduction</h2>
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   </section>

   <section>
     <h2>Contact Us</h2>
     <p>Have questions or suggestions? Feel free to reach out to us at <a
href="">yuvaprasanthi2522@gmail.com</a>.</p>
   </section>
</body>
</html>
```

Questions page:

```
<html>
<head>
   <style>
     body {
        font-family: Arial, sans-serif;
        font-size: 25px;
        line-height: 1.6;
        margin: 20px;
      }
```

```css
    .question {
      margin-bottom: 20px;
      display: none;
    }

    .button-container {
      text-align: center;
      margin-top: 20px;
    }

    .button-container button {
      margin: 0 10px;
    }
    #quizContainer {
      max-width: 600px;
      margin: 0 auto;
      padding: 20px;
      border: 1px solid #ccc;
      border-radius: 5px;
      background-color: #f9f9f9;
    }
    .option {
      display: block;
      margin: 10px 0;
    }
    #submitBtn {
      padding: 10px 20px;
      font-size: 16px;
      cursor: pointer;
      background-color: #4CAF50;
      color: white;
      border: none;
      text-align: center;
      border-radius: 5px;
    }

    button {
  background-color: #267b29;
  color: white;
  padding: 10px;
  border-radius: 3px;
  cursor: pointer;
}
  </style>
  <title>Questionnaire</title>
</head>
<body>

  <div class="question" id="question1">
    <p id="question">1.What does the <img> tag stand for, and what is its purpose?</p>

    <label class="option">
      <input type="radio" name="answer" value="a"> A. Image, used for creating image maps
    </label>
    <label class="option">
```

```html
        <input type="radio" name="answer" value="b"> B. Input, used for user input fields

    </label>
    <label class="option">
        <input type="radio" name="answer" value="c"> C. Image, used for embedding images in a webpage
    </label>
    <label class="option">
        <input type="radio" name="answer" value="d"> D. Inline, used for inline styling
    </label>
</div>

<div class="question" id="question2">
    <p id="question">2. Which tag is used for creating a clickable button in HTML?</p>

        <label class="option">
            <input type="radio" name="answer" value="a"> A. button
        </label>
        <label class="option">
            <input type="radio" name="answer" value="b"> B. clickable

        </label>
        <label class="option">
            <input type="radio" name="answer" value="c"> C. input
        </label>
        <label class="option">
            <input type="radio" name="answer" value="d"> D. submit
        </label>
</div>
<div class="question" id="question3">
    <p id="question">3. Which tag is used to create an unordered list in HTML?</p>

        <label class="option">
            <input type="radio" name="answer" value="a"> A. ol
        </label>
        <label class="option">
            <input type="radio" name="answer" value="b"> B. li

        </label>
        <label class="option">
            <input type="radio" name="answer" value="c"> C. ul
        </label>
        <label class="option">
            <input type="radio" name="answer" value="d"> D. dl
        </label>
</div>
<div class="question" id="question4">
    <p id="question">4. What is the purpose of the <meta> tag in HTML</p>

        <label class="option">
            <input type="radio" name="answer" value="a"> A. To define metadata about the document
        </label>
        <label class="option">
            <input type="radio" name="answer" value="b"> B. To create a hyperlink

        </label>
        <label class="option">
```

```html
        <input type="radio" name="answer" value="c"> C. To define a table
      </label>
      <label class="option">
        <input type="radio" name="answer" value="d"> D. To insert an image
      </label>
</div>
<div class="question" id="question5">
   <p id="question">5. Which HTML attribute is used to specify a unique identifier for an element?</p>

      <label class="option">
        <input type="radio" name="answer" value="a"> A. class
      </label>
      <label class="option">
        <input type="radio" name="answer" value="b"> B. id

      </label>
      <label class="option">
        <input type="radio" name="answer" value="c"> C. style
      </label>
      <label class="option">
        <input type="radio" name="answer" value="d"> D. name
      </label>
</div>
<div class="button-container">
   <button onclick="previousQuestion()">Previous</button>
   <button onclick="submitForm()">Submit</button>
   <button onclick="nextQuestion()">Next</button>
</div>

<script>
   let currentQuestion = 1;

   function showQuestion(questionNumber) {
      document.querySelectorAll('.question').forEach(question => {
         question.style.display = 'none';
      });
      document.getElementById(`question${questionNumber}`).style.display = 'block';
   }

   function previousQuestion() {
      if (currentQuestion > 1) {
         currentQuestion--;
         showQuestion(currentQuestion);
      }
   }

   function submitForm() {
      var selectedAnswer = document.querySelector('input[name="answer"]:checked');
      if (selectedAnswer) {
         alert("Your answer is: " + selectedAnswer.value);
      } else {
         alert("Please select an answer before submitting.");
      }
   }

   function nextQuestion() {
```
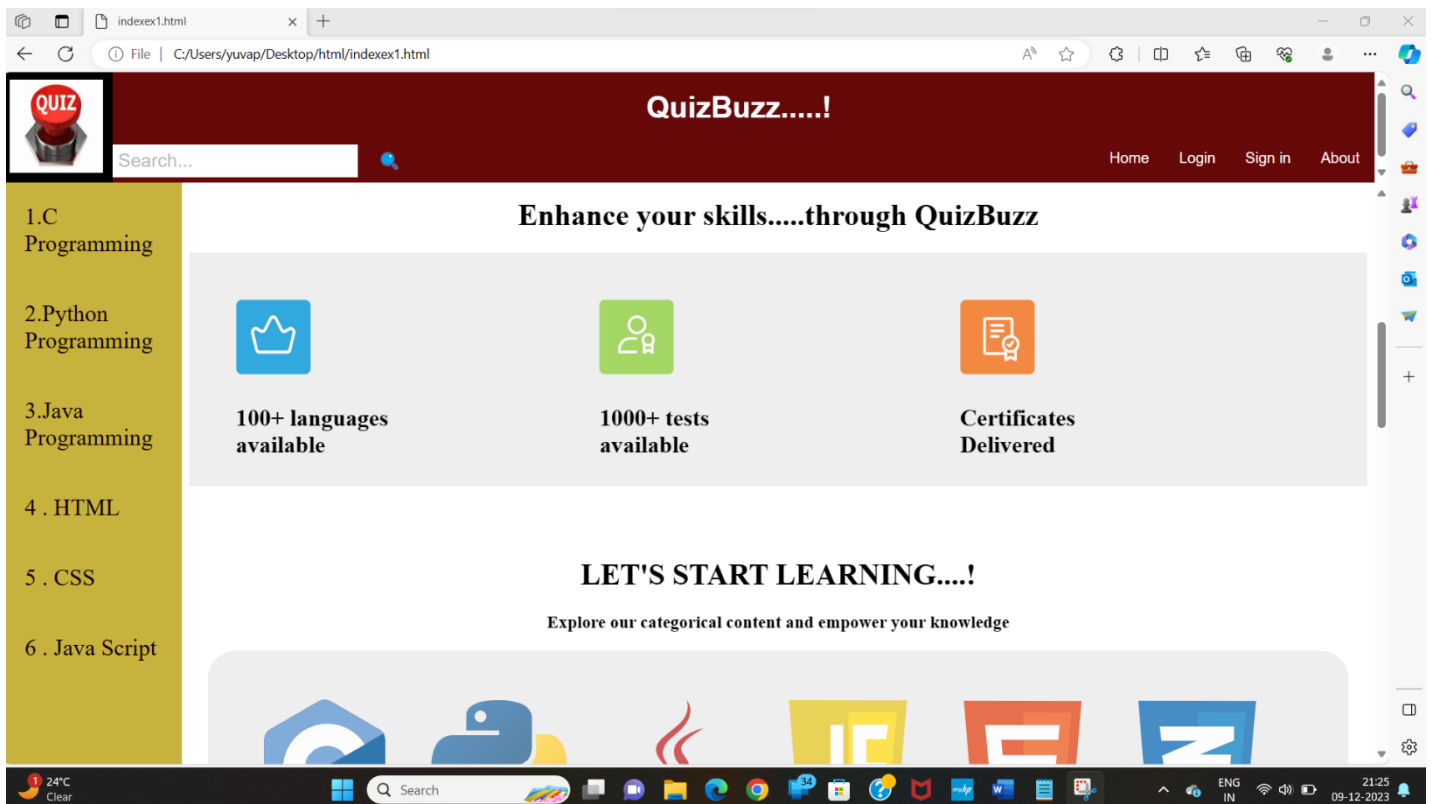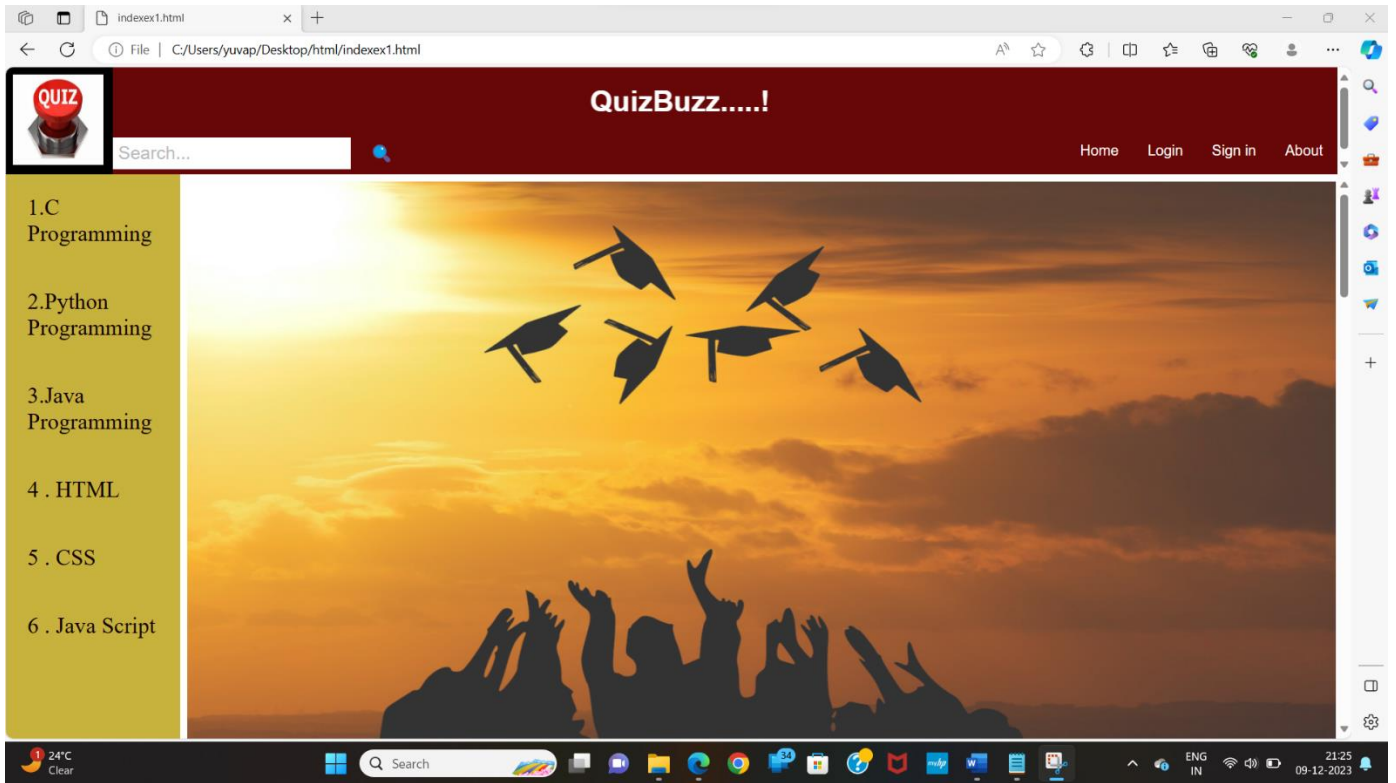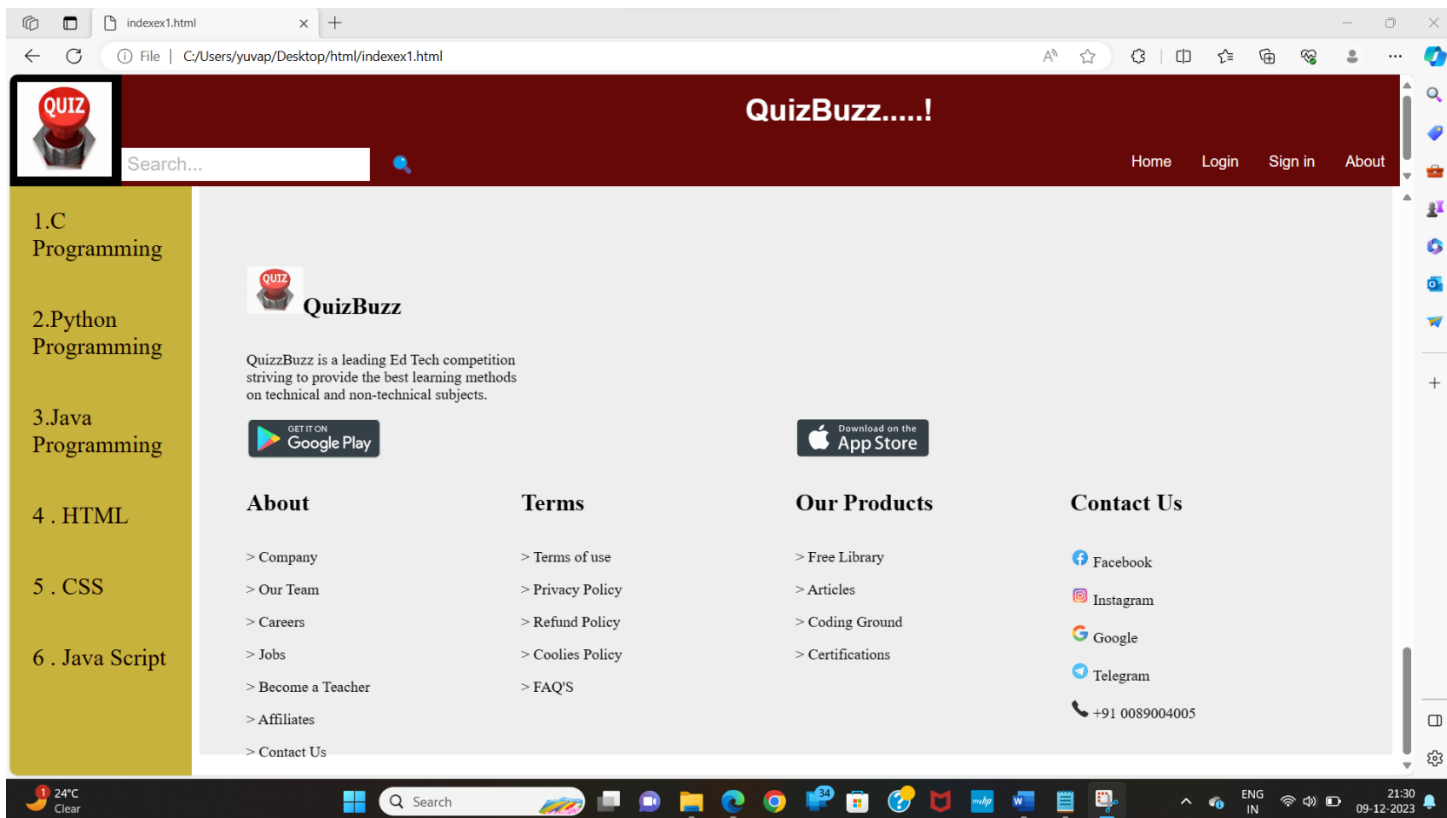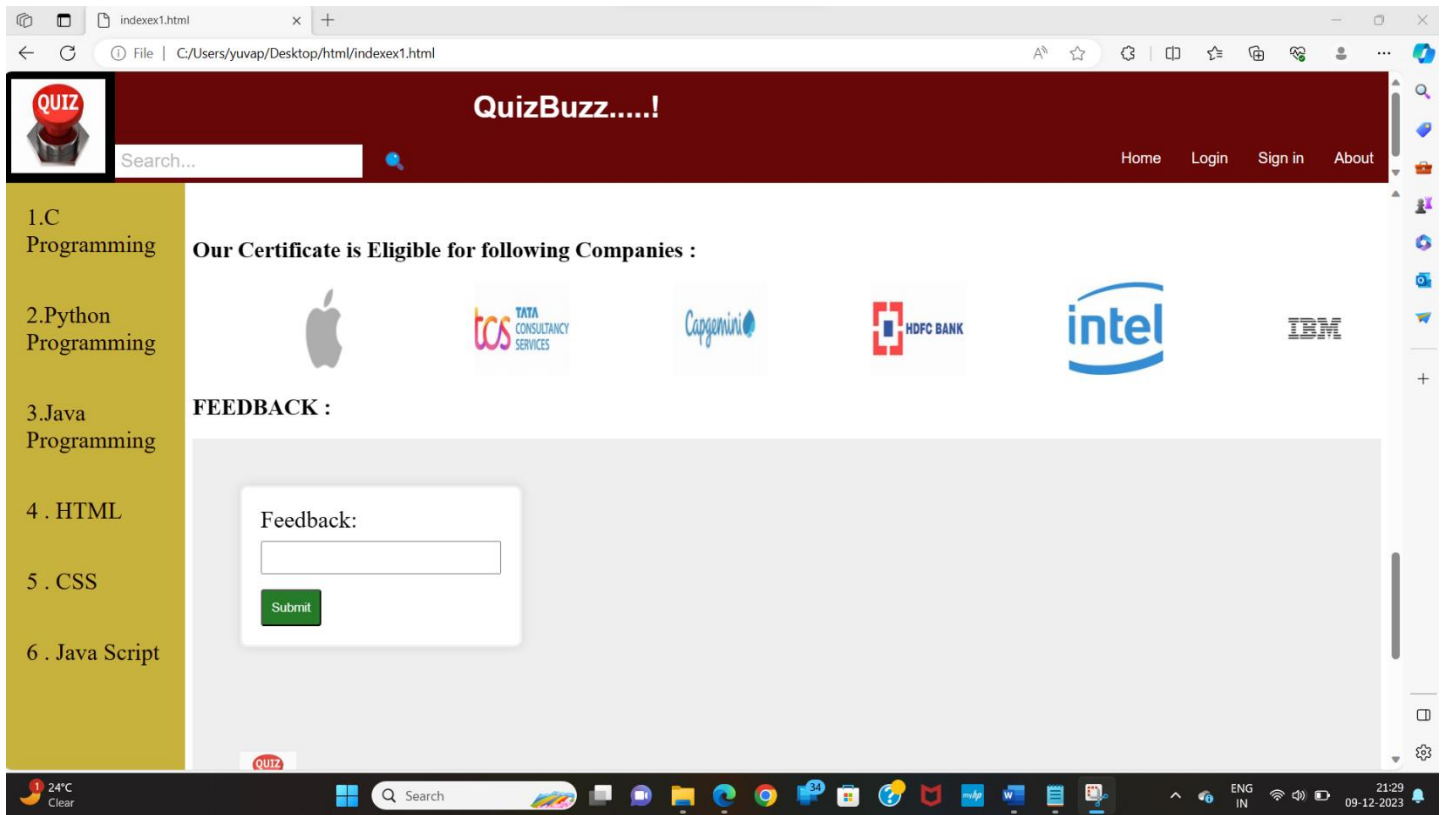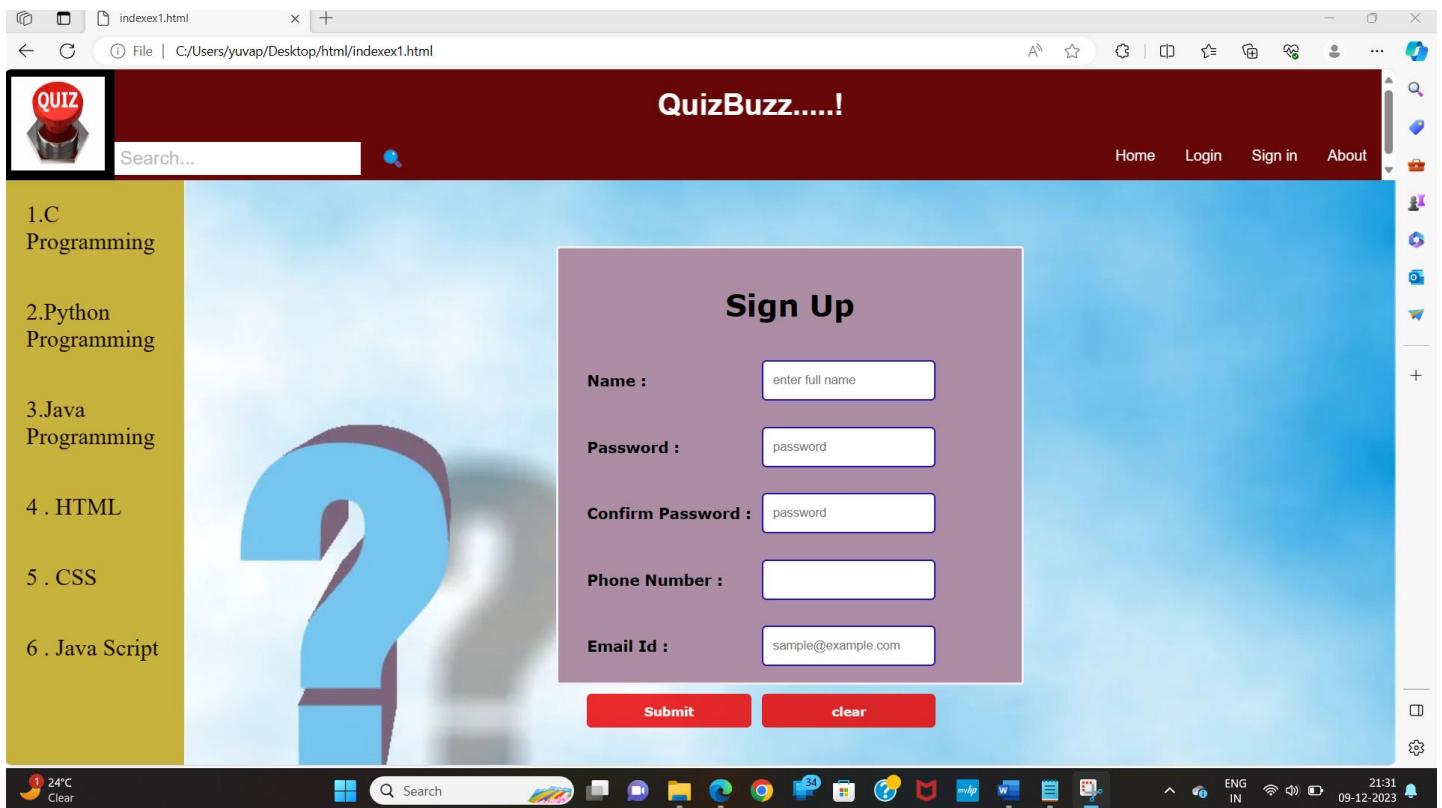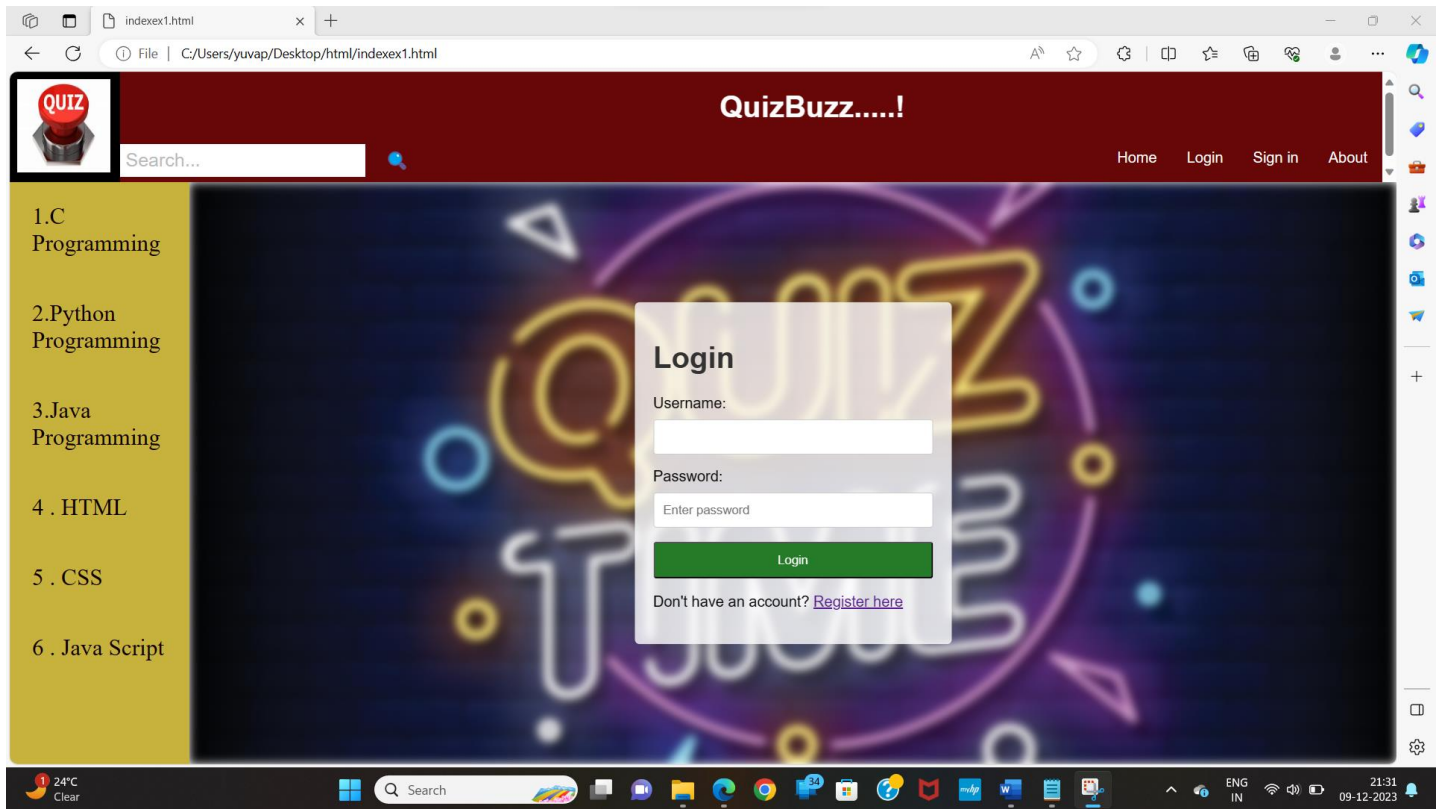
```
      if (currentQuestion < document.querySelectorAll('.question').length) {
        currentQuestion++;
        showQuestion(currentQuestion);
      }
    }

    showQuestion(currentQuestion);
  </script>

</body>
</html>
```

SCREENSHOTS

Screenshot 1

indexex1.html

File | C:/Users/yuvap/Desktop/html/indexex1.html

QuizBuzz.....!

QUIZ

Search...

Home   Login   Sign in   About

1.C Programming

2.Python Programming

3.Java Programming

4 . HTML

5 . CSS

6 . Java Script

Our Certificate is Eligible for following Companies :

(Apple, TCS TATA CONSULTANCY SERVICES, Capgemini, HDFC BANK, intel, IBM logos)

FEEDBACK :

Feedback:

Submit

QUIZ

24°C Clear   Q Search   ENG IN   21:29 09-12-2023

Screenshot 2

indexex1.html

File | C:/Users/yuvap/Desktop/html/indexex1.html

QuizBuzz.....!

QUIZ

Search...

Home   Login   Sign in   About

1.C Programming

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QuizBuzz

QuizzBuzz is a leading Ed Tech competition striving to provide the best learning methods on technical and non-technical subjects.

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+91 0089004005

24°C Clear   Q Search   ENG IN   21:30 09-12-2023

QuizBuzz.....!

Search...

Home   Login   Sign in   About

1.C Programming

2.Python Programming

3.Java Programming

4 . HTML

5 . CSS

6 . Java Script

1.What is the output of the following Python code?

numbers = [1, 2, 3, 4, 5]

result = list(map(lambda x: x * 2, filter(lambda x: x % 2 == 0, numbers)))

print(result)

○ A. [2, 4, 6, 8, 10]

○ B. [4, 8]

○ C. [1, 4, 9, 16, 25]

○ D. [2, 6, 10]

Previous   Submit   Next

QuizBuzz.....!

Search...

Home   Login   Sign in   About

1.C Programming

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3.Java Programming

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About QuizApp

Introduction

Welcome to QuizApp, your go-to platform for fun and engaging quizzes! Whether you're looking to test your knowledge on a specific topic or just have a good time, we've got you covered.

Our Mission

At QuizApp, our mission is to provide a user-friendly and enjoyable quiz experience. We believe in the power of learning through play and aim to create quizzes that are both entertaining and educational.

The Team

QuizApp is developed and maintained by a passionate team of quiz enthusiasts. Meet the minds behind the quizzes:

- yuva prasanthi
- CSE-A
- 22761A0509

Contact Us

Have questions or suggestions? Feel free to reach out to us at yuvaprasanthi2522@gmail.com.

CONCLUSION OF QUIZBUZZ...! WEBSITE

In conclusion, the development and implementation of our quiz website represent a significant step towards creating an engaging and interactive platform for users.

User-Centric Design:
The website has been meticulously designed with a focus on user-friendliness. Intuitive navigation ensures a seamless experience for users of all levels.

Diverse Content:
A wide range of quizzes caters to various interests and knowledge levels. This diversity fosters inclusivity and ensures an engaging experience for a broad audience.

Continuous Improvement:
Regular updates to quiz content will keep it fresh and relevant. Actively seeking and incorporating user feedback is crucial for ongoing improvement.

Community Engagement:
Encouraging user interaction and feedback contributes to a sense of community. Features promoting user discussions and friendly competition enhance the overall experience.

Technological Innovation:
Staying abreast of technological advancements allows for the introduction of new features. Keeping the website technologically up-to-date maintains its competitive edge.

Long-Term Vision:
The ultimate goal is to establish the quiz website as a premier destination for intellectual stimulation and entertainment. A commitment to quality, innovation, and user satisfaction ensures long-term growth and success.

Our ultimate goal is to establish the quiz website as a go-to destination for those seeking intellectual stimulation, fun challenges, and a sense of community.

REFERENCES

The HTML and CSS code provided for the travel website is an example created for educational purposes, and it doesn't have a specific external reference as it's a fictional representation. However, you can find valuable resources to learn HTML, CSS, and web development from reputable documentation and tutorial sites. Here are some general references:

W3Schools:
 - [W3Schools HTML Tutorial](https://www.w3schools.com/html/)
 - [W3Schools CSS Tutorial](https://www.w3schools.com/css/)

Website Reference:
 Tutorialspoint quiz((https://tutorialspoint.com/))
 Geeksforgeeks quiz(https://www.geeksforgeeks.org/c-language-2-gq/input-and-output-gq/)

Logos:
 Font Awesome website(https://fontawesome .com/)

Color Schemes and Palettes:
 - [Adobe Color Wheel](https://color.adobe.com/create) - [Coolors](https://coolors.co/)

These references cover a wide range of topics from basic HTML and CSS to more advanced concepts in web development and design. Remember to explore and practice hands-on to reinforce your understanding of these technologies

Infosys®
Navigate your next

| | | | | | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | | | | | |

The certificate is awarded to

Yuva Prasanthi Challa

for successfully completing the course

JavaScript

on December 4, 2023

Infosys | **Springboard**

Congratulations! You make us proud!

Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

Issued on: Monday, December 11, 2023
To verify, scan the QR code at https://verify.onwingspan.com