**Capstone Part-3**

**Index.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Welcome to QuizAMI</title>

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

</head>

<body>

    <div class="index-container">

        <div class="index-header">

            <h1>Welcome to QuizAMI!</h1>

            <p>Your ultimate quiz companion. Test your skills across various topics.</p>

        </div>

        <div class="index-buttons">

            <button class="start-button" onclick="window.location.href='log-in.html'">Sign In</button>

            <button class="start-button" onclick="window.location.href='sign-up.html'">Create Account</button>

            <button class="start-button" onclick="window.location.href='quiz-options.html'">Start Quiz</button>

        </div>

        <div class="index-footer">

            <p>Already have an account? <a href="sign-up.html">Log in here</a></p>

        </div>

    </div>

</body>

</html>

**Sign-up.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Sign Up / Log In</title>

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

</head>

<body>

    <div class="container">

        <div class="form-container">

            <h1 class="form-heading">Create an Account</h1>

            <form action="submit-form.html" method="POST">

                <div class="input-group">

                    <label for="username">Username</label>

                    <input type="text" id="username" name="username" placeholder="Enter your username" required>

                </div>

                <div class="input-group">

                    <label for="email">Email</label>

                    <input type="email" id="email" name="email" placeholder="Enter your email" required>

                </div>

                <div class="input-group">

                    <label for="password">Password</label>

                    <input type="password" id="password" name="password" placeholder="Create a password" required>

                </div>

                <div class="button-container">

                    <button type="submit" class="submit-btn">Sign Up</button>

                </div>

                <p class="form-footer">Already have an account? <a href="log-in.html">Log In</a></p>

            </form>

        </div>

    </div>

</body>

</html>

**Intro.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Introduction - QuizAMI</title>

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

</head>

<body>

    <div class="intro-container">

        <div class="intro-header">

            <h1>Welcome to QuizAMI!</h1>

            <p>Your ultimate quiz platform for testing your knowledge across various topics.</p>

        </div>

        <div class="intro-content">

            <p>Get ready to dive into an exciting world of quizzes. Challenge yourself with different topics and levels of difficulty.</p>

            <p>Click below to start your first quiz!</p>

        </div>

        <div class="intro-footer">

            <a href="quiz-options.html" class="start-button">Start Quiz</a>

        </div>

    </div>

</body>

</html>

**Log-in.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Log In - QuizAMI</title>

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

</head>

<body>

    <div class="login-container">

        <div class="login-header">

            <h1>Log In</h1>

            <p>Access your quiz journey and pick up from where you left off!</p>

        </div>

        <form class="login-form">

            <div class="form-group">

                <label for="email">Email:</label>

                <input type="email" id="email" name="email" placeholder="Enter your email" required class="input-field">

            </div>

            <div class="form-group">

                <label for="password">Password:</label>

                <input type="password" id="password" name="password" placeholder="Enter your password" required class="input-field">

            </div>

            <div class="form-group">

                <a href="intro.html" class="start-button">Log In</a>

            </div>

        </form>

        <div class="signup-footer">

            <p>Don't have an account? <a href="sign-up.html">Sign Up</a></p>

        </div>

    </div>

</body>

</html>

**Quiz-options.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Select Quiz</title>

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

</head>

<body>

    <div class="quiz-container">

        <div class="quiz-heading">

            <h1>Select a Quiz Topic</h1>

            <p>Choose a quiz to test your knowledge</p>

        </div>

        <div class="quiz-options">

            <button class="quiz-button" onclick="window.location.href='difficulty.html'">Linux</button>

            <button class="quiz-button" onclick="window.location.href='difficulty.html'">Laravel</button>

            <button class="quiz-button" onclick="window.location.href='difficulty.html'">JavaScript</button>

            <button class="quiz-button" onclick="window.location.href='difficulty.html'">Docker</button>

            <button class="quiz-button" onclick="window.location.href='difficulty.html'">Python</button>

            <button class="quiz-button" onclick="window.location.href='difficulty.html'">Kubernetes</button>

</div>

    </div>

</body>

</html>

**Difficulty.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Select Difficulty</title>

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

</head>

<body>

    <div class="difficulty-container">

        <div class="difficulty-heading">

            <h1>Select Difficulty Level</h1>

            <p>Choose a difficulty level for the quiz</p>

        </div>

        <div class="difficulty-options">

            <a href="quiz-linux.html" class="difficulty-button">Beginner</a>

            <a href="quiz-linux.html" class="difficulty-button">Runner</a>

            <a href="quiz-linux.html" class="difficulty-button">Expert</a>

            </div>

    </div>

</body>

</html>

**Quiz-linux.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Linux Quiz</title>

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

</head>

<body>

    <div class="quiz-container">

        <h1>Linux Quiz</h1>

        <p class="question">Question 1: What command is used to list all files and directories in Linux?</p>

        <div class="options">

            <button class="option" data-correct="false">A. del</button>

            <button class="option" data-correct="true">B. ls</button>

            <button class="option" data-correct="false">C. rm</button>

            <button class="option" data-correct="false">D. mv</button>

        </div>

        <p class="feedback"></p>

        <button class="next-button" onclick="nextQuestion()">Next Question</button>

    </div>

    <script src="script.js"></script>

</body>

</html>

**Result-linux.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Quiz Result</title>

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

</head>

<body>

    <div class="result-container">

        <h1 class="result-heading">Quiz Complete!</h1>

        <p class="result-description">You answered 3 out of 5 questions correctly.</p>

        <div class="result-summary">

            <p>Great job! Keep up the good work!</p>

        </div>

        <div class="result-footer">

            <button class="result-button" onclick="window.location.href='quiz-options.html'">Take Another Quiz</button>

            <button class="result-button" onclick="window.location.href='index.html'">Go Back to Home</button>

        </div>

    </div>

</body>

</html>

**Style.css**

body {

    font-family: Arial, sans-serif;

    background-color: #f4f4f4;

    margin: 0;

    padding: 20px;

}

.container {

    max-width: 600px;

    margin: 0 auto;

    background: #ffffff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

}

h2 {

    color: #1A4A5A;

    font-size: 24px; /\* Updated font size \*/

}

.question {

    font-size: 20px; /\* Updated question font size \*/

    margin-bottom: 20px;

}

p {

    font-size: 18px;

    margin-bottom: 20px;

}

.button-group {

    display: flex;

    flex-direction: column;

}

.button {

    background-color: #148D8D;

    color: white;

    text-align: center;

    padding: 15px; /\* Updated padding \*/

    margin: 10px 0; /\* Updated margin \*/

    border: none;

    border-radius: 5px;

    text-decoration: none;

    transition: background-color 0.3s ease;

    font-size: 18px; /\* Updated font size \*/

}

.button:hover {

    background-color: #1A4A5A;

}

.back-button {

    background-color: #BB9200;

}

.back-button:hover {

    background-color: #C1E1A7;

}

body {

    font-family: Arial, sans-serif;

    background-color: #f4f4f4;

    margin: 0;

    padding: 20px;

}

.container {

    max-width: 600px;

    margin: 0 auto;

    background: #ffffff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

}

h2 {

    color: #1A4A5A;

    font-size: 28px; /\* Updated font size for larger heading \*/

}

.question {

    font-size: 22px; /\* Updated question font size \*/

    margin-bottom: 30px;

}

p {

    font-size: 18px;

    margin-bottom: 20px;

}

.button-group {

    display: flex;

    flex-direction: column;

    gap: 15px; /\* Adds spacing between buttons \*/

}

.button {

    background-color: #148D8D;

    color: white;

    text-align: center;

    padding: 20px; /\* Increased padding for bigger buttons \*/

    margin: 10px 0; /\* Updated margin for spacing \*/

    border: none;

    border-radius: 8px;

    text-decoration: none;

    transition: background-color 0.3s ease;

    font-size: 20px; /\* Larger font size for big buttons \*/

    font-weight: bold;

}

.button:hover {

    background-color: #1A4A5A;

}

.back-button {

    background-color: #BB9200;

}

.back-button:hover {

    background-color: #C1E1A7;

}

/\* Base button styling \*/

.button {

    display: inline-block;

    padding: 10px 20px;

    margin: 10px;

    font-size: 18px;

    text-align: center;

    border-radius: 5px;

    text-decoration: none;

    color: white;

    background-color: #148D8D;  /\* Default color \*/

    transition: background-color 0.3s;

}

/\* Hover effect \*/

.button:hover {

    background-color: #1A4A5A;

}

/\* Correct answer styling \*/

.correct {

    background-color: #5FBD00; /\* Green for correct answer \*/

    color: white;

}

/\* Incorrect answer styling \*/

.incorrect {

    background-color: #BB4A4A; /\* Red for incorrect answer \*/

    color: white;

}

/\* Base Styles \*/

body {

    font-family: 'Roboto', sans-serif; /\* Replace with your Figma font \*/

    background-color: #F4F4F9; /\* Background color from Figma \*/

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

header {

    background-color: #EFBC75; /\* Primary color from Figma \*/

    padding: 20px;

    text-align: center;

}

header h1 {

    font-size: 2rem;

    color: white;

    margin: 0;

}

nav ul {

    list-style-type: none;

    padding: 0;

    text-align: center;

}

nav ul li {

    display: inline;

    margin: 0 15px;

}

nav ul li a {

    text-decoration: none;

    font-size: 1.2rem;

    color: white;

}

nav ul li a:hover {

    color: #1A4A5A; /\* Hover color from Figma \*/

}

/\* Main Section \*/

main {

    padding: 40px 20px;

    text-align: center;

}

section h2 {

    font-size: 2rem;

    margin-bottom: 20px;

}

ul li a {

    font-size: 1.5rem;

    color: #148D8D;

    padding: 12px 24px;

    border: 2px solid #148D8D;

    border-radius: 5px;

    display: inline-block;

    margin-top: 15px;

    text-decoration: none;

    transition: all 0.3s ease;

}

ul li a:hover {

    background-color: #1A4A5A; /\* Button hover color \*/

    color: white;

}

/\* Footer \*/

footer {

    background-color: #1A4A5A; /\* Footer color from Figma \*/

    color: white;

    padding: 20px;

    text-align: center;

}

/\* Buttons \*/

.start-btn {

    padding: 12px 30px;

    background-color: #148D8D; /\* Button color from Figma \*/

    color: white;

    text-decoration: none;

    border-radius: 5px;

    font-size: 1.2rem;

    margin-top: 20px;

}

.start-btn:hover {

    background-color: #1A4A5A; /\* Hover color \*/

}

/\* Flexbox Layout for two columns \*/

.container {

    display: flex;

    justify-content: space-between;

    gap: 20px;

}

.container .left-column, .container .right-column {

    flex: 1;

    padding: 20px;

}

/\* sign-up \*/

/\* Resetting default margin, padding, and box-sizing \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

/\* Global Styles \*/

body {

    font-family: 'Arial', sans-serif;

    background: linear-gradient(to right, #6A82FB, #FC5C7D); /\* Smooth gradient background \*/

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

}

/\* Container for the Form \*/

.container {

    width: 100%;

    max-width: 400px;

    background-color: #ffffff;

    border-radius: 12px;

    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);

    padding: 40px;

}

/\* Heading Styling \*/

.form-heading {

    text-align: center;

    font-size: 2.2rem;

    color: #333;

    margin-bottom: 30px;

}

/\* Input Group \*/

.input-group {

    margin-bottom: 20px;

}

.input-group label {

    font-size: 1rem;

    color: #555;

    margin-bottom: 8px;

    display: block;

}

.input-group input {

    width: 100%;

    padding: 12px;

    font-size: 1rem;

    color: #333;

    border: 2px solid #ddd;

    border-radius: 8px;

    background-color: #fafafa;

    transition: border 0.3s ease;

}

.input-group input:focus {

    border-color: #6A82FB; /\* Focus border color \*/

    outline: none;

}

/\* Button Styling \*/

.submit-btn {

    width: 100%;

    padding: 14px;

    background-color: #6A82FB; /\* Primary button color \*/

    color: #fff;

    font-size: 1.1rem;

    border: none;

    border-radius: 8px;

    cursor: pointer;

    transition: background-color 0.3s ease;

}

.submit-btn:hover {

    background-color: #FC5C7D; /\* Hover effect \*/

}

/\* Form Footer \*/

.form-footer {

    text-align: center;

    margin-top: 20px;

    font-size: 1rem;

    color: #555;

}

.form-footer a {

    color: #6A82FB;

    text-decoration: none;

    font-weight: bold;

}

.form-footer a:hover {

    color: #FC5C7D;

}

/\* Responsive Styles \*/

@media (max-width: 768px) {

    .container {

        padding: 25px;

    }

    .form-heading {

        font-size: 1.8rem;

    }

    .input-group input {

        padding: 10px;

        font-size: 1rem;

    }

    .submit-btn {

        padding: 12px;

        font-size: 1rem;

    }

}

/\* all pages \*/

/\* Resetting default margin, padding, and box-sizing \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

/\* Global Styles \*/

body {

    font-family: 'Arial', sans-serif;

    background-color: #F7F7F7;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

}

/\* Container for all Quiz Pages \*/

.quiz-container, .difficulty-container {

    width: 100%;

    max-width: 800px;

    background-color: #ffffff;

    border-radius: 12px;

    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);

    padding: 40px;

    text-align: center;

}

/\* Heading \*/

.quiz-heading h1, .difficulty-heading h1 {

    font-size: 2.5rem;

    color: #333;

    margin-bottom: 20px;

}

.quiz-heading p, .difficulty-heading p {

    font-size: 1.2rem;

    color: #777;

}

/\* Quiz Buttons \*/

.quiz-button, .difficulty-button, .quiz-option, .next-button {

    display: inline-block;

    width: 250px;

    padding: 14px;

    margin: 10px 0;

    background-color: #6A82FB;

    color: #fff;

    font-size: 1.2rem;

    text-align: center;

    border: none;

    border-radius: 8px;

    cursor: pointer;

    transition: all 0.3s ease;

}

.quiz-button:hover, .difficulty-button:hover, .quiz-option:hover, .next-button:hover {

    background-color: #FC5C7D;

}

/\* Spacing and Button Layout \*/

.quiz-options, .difficulty-options {

    display: flex;

    flex-direction: column;

    align-items: center;

}

.quiz-option {

    width: 80%;

    margin-bottom: 10px;

}

.next-button {

    width: 40%;

    margin-top: 30px;

}

/\* Responsive Design \*/

@media (max-width: 768px) {

    .quiz-container, .difficulty-container {

        padding: 30px;

        max-width: 100%;

    }

    .quiz-heading h1, .difficulty-heading h1 {

        font-size: 2rem;

    }

    .quiz-button, .difficulty-button, .quiz-option, .next-button {

        width: 90%;

    }

}

/\* result \*/

.result-container {

    width: 100%;

    max-width: 800px;

    background-color: #ffffff;

    border-radius: 12px;

    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);

    padding: 40px;

    text-align: center;

    margin-top: 50px;

}

.result-heading {

    font-size: 2.5rem;

    color: #333;

    margin-bottom: 20px;

}

.result-description {

    font-size: 1.2rem;

    color: #777;

    margin-bottom: 30px;

}

.result-summary {

    font-size: 1.5rem;

    color: #28a745;

    margin-bottom: 40px;

}

.result-footer .result-button {

    width: 50%;

    padding: 14px;

    margin: 10px;

    background-color: #6A82FB;

    color: #fff;

    font-size: 1.2rem;

    text-align: center;

    border: none;

    border-radius: 8px;

    cursor: pointer;

}

.result-button:hover {

    background-color: #FC5C7D;

}

/\*index.html\*/

/\* Resetting default margin, padding, and box-sizing \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

/\* Global Styles \*/

body {

    font-family: 'Arial', sans-serif;

    background-color: #F7F7F7;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

}

/\* Container for the Landing Page \*/

.index-container {

    width: 100%;

    max-width: 800px;

    background-color: #ffffff;

    border-radius: 12px;

    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);

    padding: 40px;

    text-align: center;

}

/\* Header Section \*/

.index-header h1 {

    font-size: 2.5rem;

    color: #333;

    margin-bottom: 20px;

}

.index-header p {

    font-size: 1.2rem;

    color: #777;

    margin-bottom: 30px;

}

/\* Buttons \*/

.start-button {

    display: inline-block;

    width: 250px;

    padding: 14px;

    margin: 10px 0;

    background-color: #6A82FB;

    color: #fff;

    font-size: 1.2rem;

    text-align: center;

    border: none;

    border-radius: 8px;

    cursor: pointer;

    transition: all 0.3s ease;

}

.start-button:hover {

    background-color: #FC5C7D;

}

/\* Footer Section \*/

.index-footer p {

    margin-top: 30px;

    font-size: 1rem;

    color: #333;

}

.index-footer a {

    color: #6A82FB;

    text-decoration: none;

}

.index-footer a:hover {

    text-decoration: underline;

}

/\* Responsive Design \*/

@media (max-width: 768px) {

    .index-container {

        padding: 30px;

        max-width: 100%;

    }

    .index-header h1 {

        font-size: 2rem;

    }

    .start-button {

        width: 90%;

    }

    .index-footer {

        font-size: 1rem;

    }

}

/\* log-in \*/

/\* Global Styles \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

/\* Body Setup \*/

body {

    font-family: 'Arial', sans-serif;

    background-color: #f4f4f9;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

    padding: 20px;

}

/\* Login Container \*/

.login-container {

    width: 100%;

    max-width: 400px;

    background-color: #ffffff;

    border-radius: 12px;

    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);

    padding: 40px;

    text-align: center;

    background-image: linear-gradient(45deg, #06124e, #084635);

    color: #fff;

}

.login-header h1 {

    font-size: 2rem;

    margin-bottom: 20px;

}

.login-header p {

    font-size: 1.1rem;

    margin-bottom: 30px;

}

/\* Input Fields \*/

.input-field {

    width: 100%;

    padding: 14px;

    margin: 10px 0;

    font-size: 1rem;

    border-radius: 8px;

    border: none;

    outline: none;

    transition: all 0.3s ease;

}

.input-field:focus {

    border: 2px solid #FC5C7D;

    box-shadow: 0 0 8px rgba(252, 92, 125, 0.6);

}

/\* Submit Button \*/

.submit-button {

    width: 100%;

    padding: 14px;

    margin: 10px 0;

    background-color: #FC5C7D;

    color: white;

    font-size: 1.2rem;

    border: none;

    border-radius: 8px;

    cursor: pointer;

    transition: background-color 0.3s ease;

}

.submit-button:hover {

    background-color: #6A82FB;

}

/\* Footer Section \*/

.signup-footer p {

    font-size: 1rem;

    color: #fff;

    margin-top: 20px;

}

.signup-footer a {

    color: #FC5C7D;

    text-decoration: none;

}

.signup-footer a:hover {

    text-decoration: underline;

}

/\* Form Group \*/

.form-group {

    margin-bottom: 20px;

}

.form-group label {

    font-size: 1rem;

    color: #fff;

    display: block;

    margin-bottom: 5px;

}

/\* Responsive Design \*/

@media (max-width: 768px) {

    .login-container {

        padding: 30px;

        max-width: 100%;

    }

    .login-header h1 {

        font-size: 1.8rem;

    }

    .input-field {

        font-size: 1rem;

    }

    .submit-button {

        font-size: 1.1rem;

    }

    .signup-footer {

        font-size: 1rem;

    }

}

/\* intro.html \*/

/\* Global Styles \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

/\* Body Setup \*/

body {

    font-family: 'Arial', sans-serif;

    background-color: #f4f4f9;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

    padding: 20px;

}

/\* Intro Container \*/

.intro-container {

    width: 100%;

    max-width: 500px;

    background-color: #ffffff;

    border-radius: 12px;

    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);

    padding: 40px;

    text-align: center;

    background-image: linear-gradient(45deg, #06124e, #084635);

    color: #fff;

}

.intro-header h1 {

    font-size: 2rem;

    margin-bottom: 20px;

}

.intro-header p {

    font-size: 1.1rem;

    margin-bottom: 20px;

}

.intro-content p {

    font-size: 1rem;

    margin-bottom: 20px;

}

/\* Start Quiz Button \*/

.start-button {

    display: inline-block;

    padding: 15px 30px;

    margin: 20px 0;

    background-color: #FC5C7D;

    color: rgb(255, 255, 255);

    font-size: 1.2rem;

    text-decoration: none;

    border-radius: 8px;

    cursor: pointer;

    transition: background-color 0.3s ease;

}

.start-button:hover {

    background-color: #6A82FB;

}

/\* Footer Section \*/

.intro-footer p {

    font-size: 1rem;

    color: #fff;

}

/\* Responsive Design \*/

@media (max-width: 768px) {

    .intro-container {

        padding: 30px;

        max-width: 100%;

    }

    .intro-header h1 {

        font-size: 1.8rem;

    }

    .start-button {

        font-size: 1.1rem;

        padding: 12px 25px;

    }

    .intro-content p {

        font-size: 0.9rem;

    }

}

/\* quiz-linux.html \*/

/\* style.css \*/

body {

    font-family: Arial, sans-serif;

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

    margin: 0;

    background-color: #f7f8fa;

}

.quiz-container {

    text-align: center;

    background-color: #ffffff;

    padding: 2em;

    border-radius: 8px;

    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

    max-width: 400px;

    width: 100%;

}

h1 {

    color: #333;

}

.question {

    font-size: 1.2em;

    margin-bottom: 1em;

}

.options {

    display: flex;

    flex-direction: column;

    gap: 10px;

}

.option {

    padding: 10px;

    font-size: 1em;

    border: 2px solid #333;

    border-radius: 5px;

    background-color: #e0e0e0;

    cursor: pointer;

    transition: background-color 0.3s ease;

}

.option:hover {

    background-color: #d3d3d3;

}

.option.correct {

    background-color: #28a745;

    color: #ffffff;

    border-color: #28a745;

}

.option.incorrect {

    background-color: #dc3545;

    color: #ffffff;

    border-color: #dc3545;

}

**Script.js**

// Questions and answers object

const questions = {

    python: {

        question: "What keyword is used to define a function in Python?",

        options: ["def", "func", "define", "lambda"],

        correctAnswer: "def"

    },

    docker: {

        question: "Which command is used to list Docker containers?",

        options: ["docker ps", "docker list", "docker run", "docker stop"],

        correctAnswer: "docker ps"

    },

    // Add more topics here if needed

};

// Load quiz data for selected topic

function loadQuiz(topic) {

    const questionContainer = document.querySelector(".question");

    const buttonGroup = document.querySelector(".button-group");

    // Clear any previous options

    buttonGroup.innerHTML = '';

    const quizData = questions[topic];

    questionContainer.textContent = quizData.question;

    quizData.options.forEach(option => {

        const button = document.createElement("a");

        button.className = "button";

        button.textContent = option;

        button.href = "#";

        button.onclick = (e) => checkAnswer(e, option, quizData.correctAnswer);

        buttonGroup.appendChild(button);

    });

}

// Check the answer and provide feedback

function checkAnswer(event, selectedAnswer, correctAnswer) {

    // Remove any previous feedback classes

    document.querySelectorAll(".button").forEach(btn => {

        btn.classList.remove("correct", "incorrect");

    });

    if (selectedAnswer === correctAnswer) {

        event.target.classList.add("correct");  // Green for correct answer

    } else {

        event.target.classList.add("incorrect");  // Red for incorrect answer

    }

}

// Initial call to load the quiz topic data

document.addEventListener("DOMContentLoaded", () => {

    const urlParams = new URLSearchParams(window.location.search);

    const topic = urlParams.get("topic") || "python";  // Default to Python if no topic is provided

    loadQuiz(topic);

});

document.querySelectorAll('.option').forEach(button => {

    button.addEventListener('click', function () {

        // Change button colors based on correct/incorrect answer

        if (this.dataset.answer === 'correct') {

            this.style.backgroundColor = 'green';

        } else {

            this.style.backgroundColor = 'red';

        }

        // Show score and disable all options after selection

        const options = document.querySelectorAll('.option');

        options.forEach(option => option.disabled = true);

        // Calculate score

        let score = 0;

        options.forEach(option => {

            if (option.dataset.answer === 'correct' && option.style.backgroundColor === 'green') {

                score++;

            }

        });

        // Display score on the result page

        document.getElementById('score').textContent = score;

        setTimeout(() => {

            window.location.href = 'quiz-result.html';

        }, 2000); // Redirect after 2 seconds

    });

});

/\* linux \*/

// Get all option buttons

const options = document.querySelectorAll(".option");

options.forEach(option => {

    option.addEventListener("click", function() {

        // Check if the answer is correct or incorrect

        if (option.getAttribute("data-answer") === "correct") {

            option.classList.add("correct");

        } else {

            option.classList.add("incorrect");

        }

        // Disable all options after a choice is made

        options.forEach(btn => btn.disabled = true);

        // Redirect to the result page after a short delay

        setTimeout(() => {

            window.location.href = "result-linux.html";

        }, 1000);

    });

});