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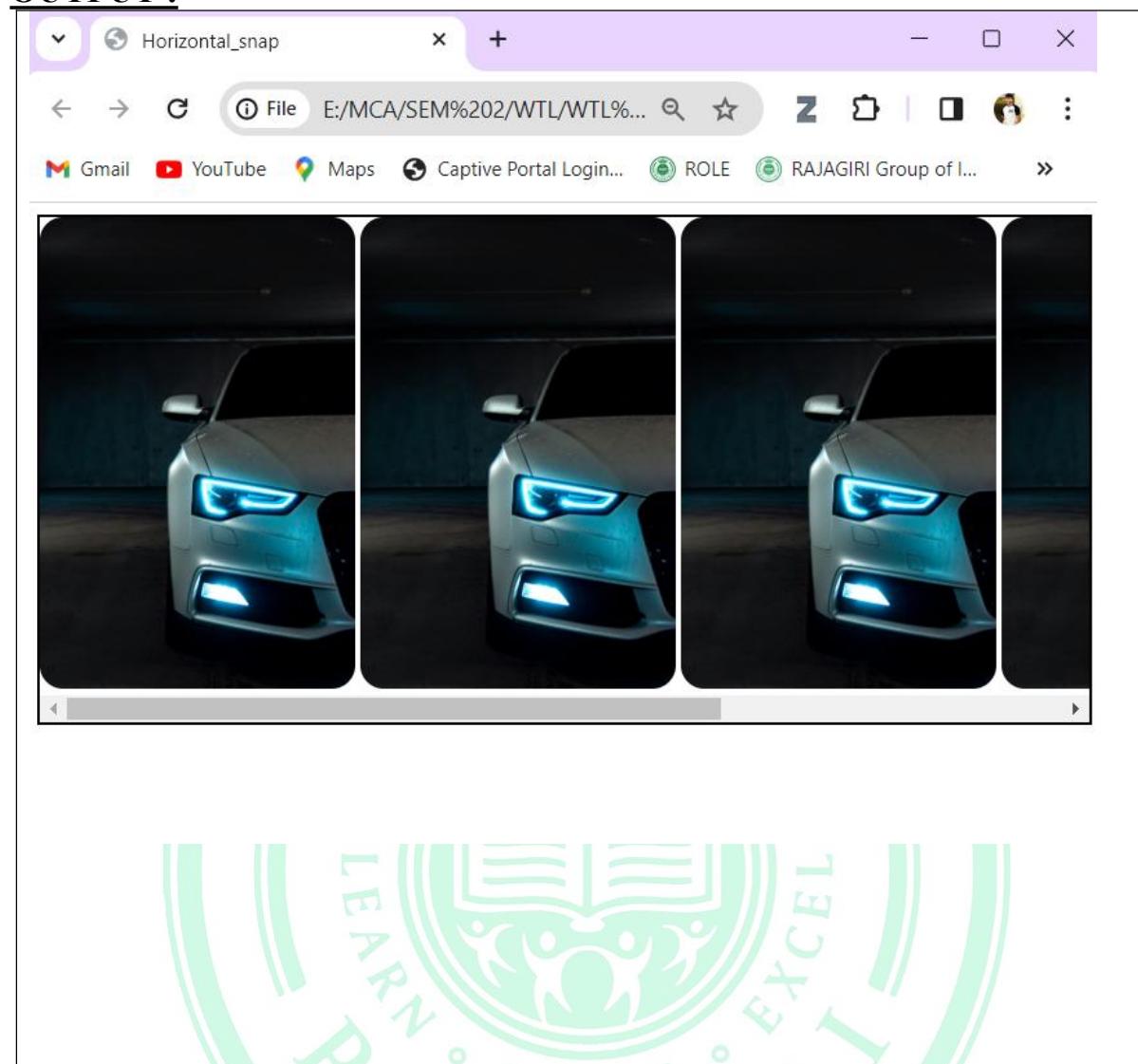
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Write a program using HTML and CSS, creating a horizontally scrollable container that will snap on elements when scrolling.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
    .horizontal-snap {
        margin: auto;
        border: solid black 2px;
        overflow-x: scroll;
        overflow-y: hidden;
        white-space: nowrap;
        scroll-snap-type: x mandatory;
    }
    .horizontal-snap>a {
        scroll-snap-align: center;
    }
    .horizontal-snap img {
        width: 30%;
        object-fit: contain;
        border-radius: 1rem;
    }
</style>
<title>Horizontal_snap</title>
</head>
<body>
    <div class="horizontal-snap">
        
        
        
        
        
    </div>
</body>
</html>
```

OUTPUT :



Program 1.2

Date: 01/01/2024

Write a program to implement CSS Forms.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>CSS Form</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
        }
        .container {
            max-width: 500px;
            margin: 50px auto;
            padding: 20px;
            background-color: #fff;
            border-radius: 5px;
            box-shadow: 0 0 10px rgba(0,0,0,0.1);
        }
        .form-group {
            margin-bottom: 20px;
        }
        label {
            /* display: block; */
            font-weight: bold;
            margin-bottom: 5px;
        }
        input[type="text"],
        input[type="email"],
        input[type="password"],
        textarea,
```

```
select {
    width: 100%;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
    box-sizing: border-box;
    margin-top: 5px;
    margin-bottom: 10px;
}
input[type="radio"],
input[type="checkbox"] {
    margin-right: 5px;
    display: inline-block;
}
input[type="submit"] {
    background-color: #4caf50;
    color: #fff;
    border: none;
    padding: 15px 30px;
    border-radius: 5px;
    cursor: pointer;
    display: block;
    margin-top: 20px;
    font-weight: bold;
}
input[type="submit"]:hover {
    background-color: #45a049;
}
/* Style the file input */
input[type="file"] {
    display: none;
}
.file-upload {
    display: inline-block;
    background-color: #ff0000;
    color: #fff;
    padding: 8px 16px;
    border-radius: 5px;
    cursor: pointer;
}
.file-upload:hover {
    background-color: #cc0000;
}
```

```

.file-upload input[type="file"] {
    display: none;
}

```

</style>

</head>

<body>

<div class="container">

Sign Up Form

<form>

<div class="form-group">

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

<input type="text" id="username" name="username" required>

</div>

<div class="form-group">

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

<input type="email" id="email" name="email" required>

</div>

<div class="form-group">

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

<input type="password" id="password" name="password" required>

</div>

<div class="form-group">

<label for="message">Message:</label>

<textarea id="message" name="message" rows="4"></textarea>

</div>

<div class="form-group">

<label for="gender">Gender:</label>

<input type="radio" id="male" name="gender" value="male">

<label for="male">Male</label>

<input type="radio" id="female" name="gender" value="female">

<label for="female">Female</label>

</div>

<div class="form-group">

<label for="interests">Interests:</label>

<input type="checkbox" id="coding" name="interests" value="coding">

<label for="coding">Coding</label>

```
<input type="checkbox" id="reading" name="interests"
value="reading">
    <label for="reading">Reading</label>
    <input type="checkbox" id="sports" name="interests"
value="sports">
    <label for="sports">Sports</label>
</div>
<div class="form-group">
    <label for="country">Country:</label>
    <select id="country" name="country">
        <option value="india">INDIA</option>
        <option value="uk">UK</option>
        <option value="canada">Canada</option>
        <option value="australia">Australia</option>
    </select>
</div>
<div class="form-group">
    <label for="file">Choose File:</label>
    <label class="file-upload">
        <input type="file" id="file" name="file">
        Upload
    </label>
</div>
<input type="submit" value="Submit">
</form>
</div>
</body>
</html>
```

OUTPUT :

The screenshot shows a web browser window titled "CSS Form". The address bar displays the URL "E:/MCA/SEM%202/WTL/WTL%20LAB%20PRO...". The main content area contains a "Sign Up Form" with the following fields:

- Username:** An input field for entering a username.
- Email:** An input field for entering an email address.
- Password:** An input field for entering a password.
- Message:** A text area for entering a message.
- Gender:** Radio buttons for "Male" and "Female".
- Interests:** Checkboxes for "Coding", "Reading", and "Sports".
- Country:** A dropdown menu set to "INDIA".
- Choose File:** A button to select a file, with an "Upload" button next to it.
- Submit:** A green "Submit" button at the bottom of the form.

How to Implement Image Zoom On Hover and disable right click on Webpage?

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Image Zoom and Right Click Disable</title>
    <style>
        .container {
            text-align: center;
        }

        .zoom-image {
            width: 300px; /* Adjust image size as needed */
            transition: transform 0.5s;
        }

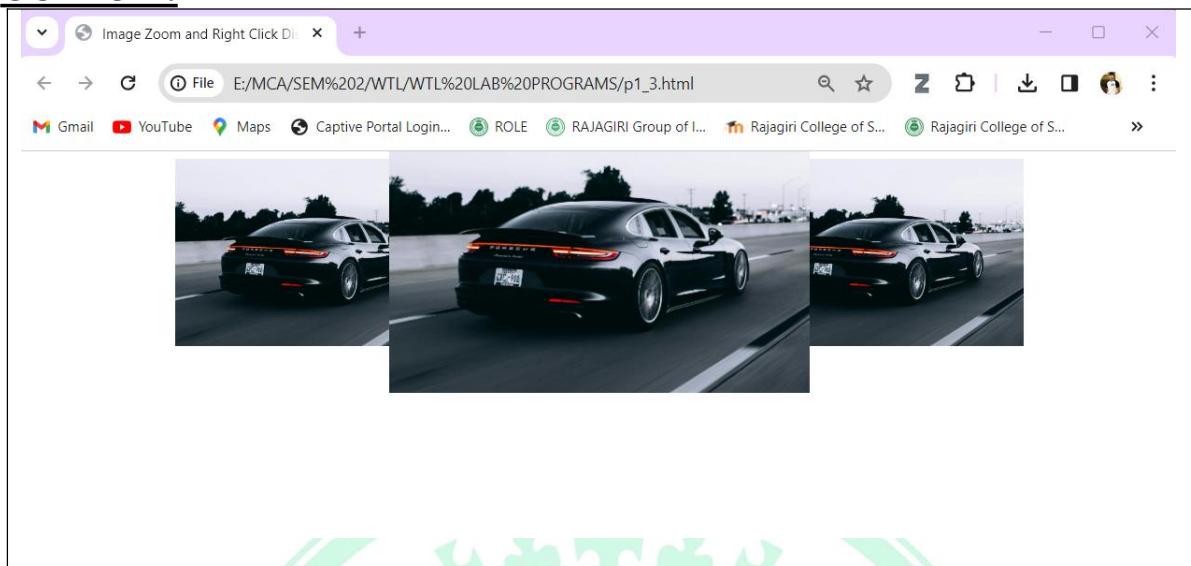
        .zoom-image:hover {
            transform: scale(1.5); /* Adjust the scale factor for zoom
effect */
            cursor: zoom-in;
        }
    </style>
</head>
<body oncontextmenu="return false;">
    <div class="container">
        
        
        
    </div>

    <!-- To disable the default right-click behavior on the webpage. -->
    <script>
        document.addEventListener('contextmenu', function(e) {
```

```
e.preventDefault();
});
</script>
</body>
</html>
```



OUTPUT :



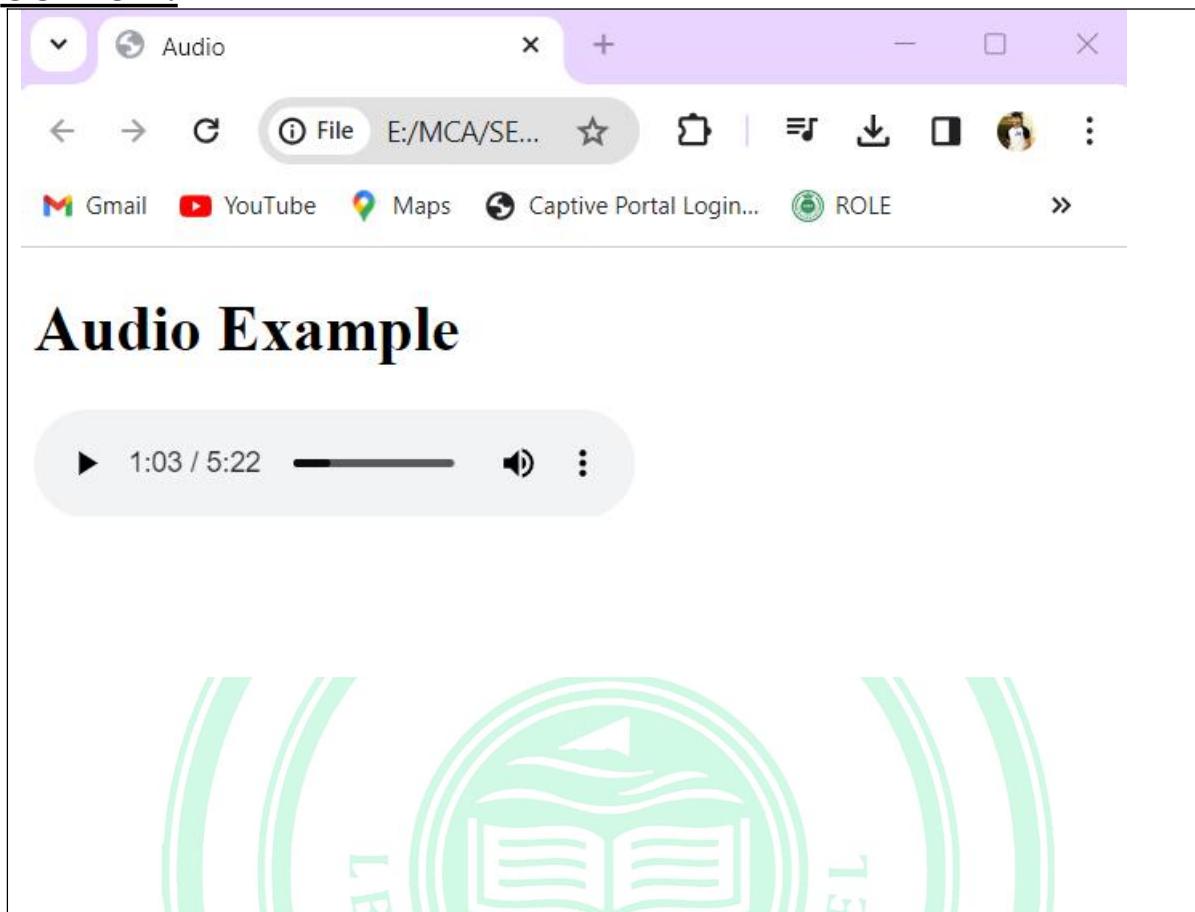
How to attach audio to a webpage?

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Audio</title>
</head>
<body>
    <h1>Audio Example</h1>

    <audio controls>
        <source src="p1_4.mp3" type="audio/mpeg">
        Your browser does not support the audio element.
    </audio>
</body>
</html>
```

OUTPUT :



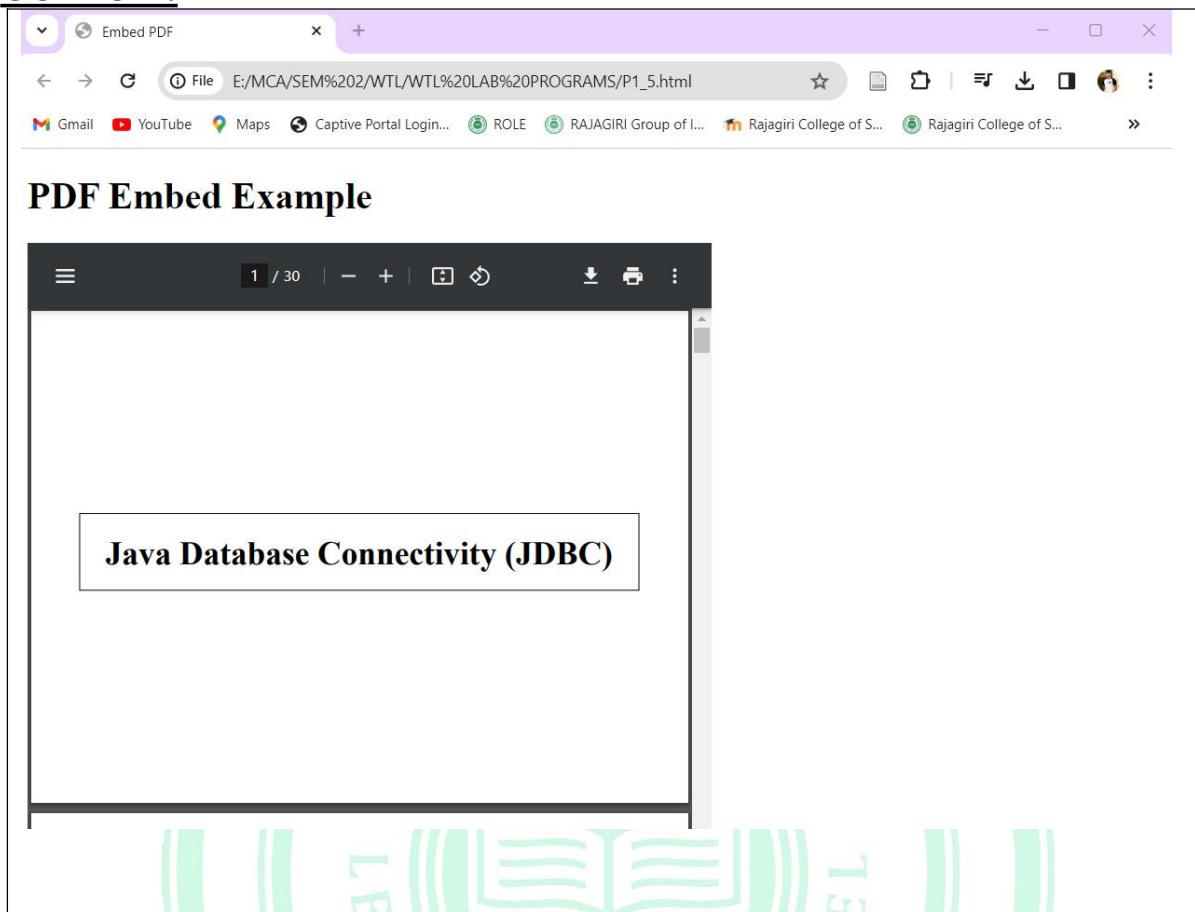
How to embed pdf files in a webpage?

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Embed PDF</title>
</head>
<body>
    <h1>PDF Embed Example</h1>

    <iframe src="p1_5.pdf" width="60%" height="600px" style="border:
none;"></iframe>
</body>
</html>
```

OUTPUT :



Program 1.6

Date: 06/01/2024

How to implement a simple calculator using HTML?

CODE :

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

<head>
    <meta charset="utf-8">
    <title>Simple Calculator</title>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=Orbitron&display=swap');

.calculator {
    padding: 10px;
    border-radius: 1em;
    height: 380px;
    width: 400px;
    margin: auto;
    background-color: #191b28;
    box-shadow: rgba(0, 0, 0, 0.19) 0px 10px 20px, rgba(0, 0, 0, 0.23)
0px 6px 6px;
}

.display-box {
    font-family: 'Orbitron', sans-serif;
    background-color: #dcdbe1;
    border: solid black 0.5px;
    color: black;
    border-radius: 5px;
    width: 100%;
    height: 65%;
}

#btn {
```

```

        background-color: #fb0066;
    }

    input[type=button] {
        font-family: 'Orbitron', sans-serif;
        background-color: #64278f;
        color: white;
        border: solid black 0.5px;
        width: 100%;
        border-radius: 5px;
        height: 70%;
        outline: none;
    }

    input:active[type=button] {
        background: #e5e5e5;
        -webkit-box-shadow: inset 0px 0px 5px #c1c1c1;
        -moz-box-shadow: inset 0px 0px 5px #c1c1c1;
        box-shadow: inset 0px 0px 5px #c1c1c1;
    }
</style>
</head>

<body>

<table class="calculator" >
    <tr>
        <td colspan="3"> <input class="display-box" type="text" id="result" disabled /> </td>
        <!-- clearScreen() function clears all the values -->
        <td> <input type="button" value="C" onclick="clearScreen()" id="btn" /> </td>
    </tr>
    <tr>
        <!-- display() function displays the value of clicked button -->
        <td> <input type="button" value="1" onclick="display('1')"/> </td>
        <td> <input type="button" value="2" onclick="display('2')"/> </td>
        <td> <input type="button" value="3" onclick="display('3')"/> </td>
        <td> <input type="button" value="/" onclick="display('/')"/> </td>
    </tr>
    <tr>
        <td> <input type="button" value="4" onclick="display('4')"/> </td>

```

```

<td> <input type="button" value="5" onclick="display('5')"/> </td>
<td> <input type="button" value="6" onclick="display('6')"/> </td>
<td> <input type="button" value="-" onclick="display('-')"/> </td>
</tr>
<tr>
    <td> <input type="button" value="7" onclick="display('7')"/> </td>
    <td> <input type="button" value="8" onclick="display('8')"/> </td>
    <td> <input type="button" value="9" onclick="display('9')"/> </td>
    <td> <input type="button" value="+" onclick="display('+')"/> </td>
</tr>
<tr>
    <td> <input type="button" value="." onclick="display('.')"/> </td>
    <td> <input type="button" value="0" onclick="display('0')"/> </td>
<!-- calculate() function evaluates the mathematical expression -->
    <td> <input type="button" value="=" onclick="calculate()" id="btn" />
</td>
    <td> <input type="button" value="*" onclick="display('*')"/> </td>
</tr>
</table>

<script>
    // This function clears all the values
    function clearScreen() {
        document.getElementById("result").value = "";
    }

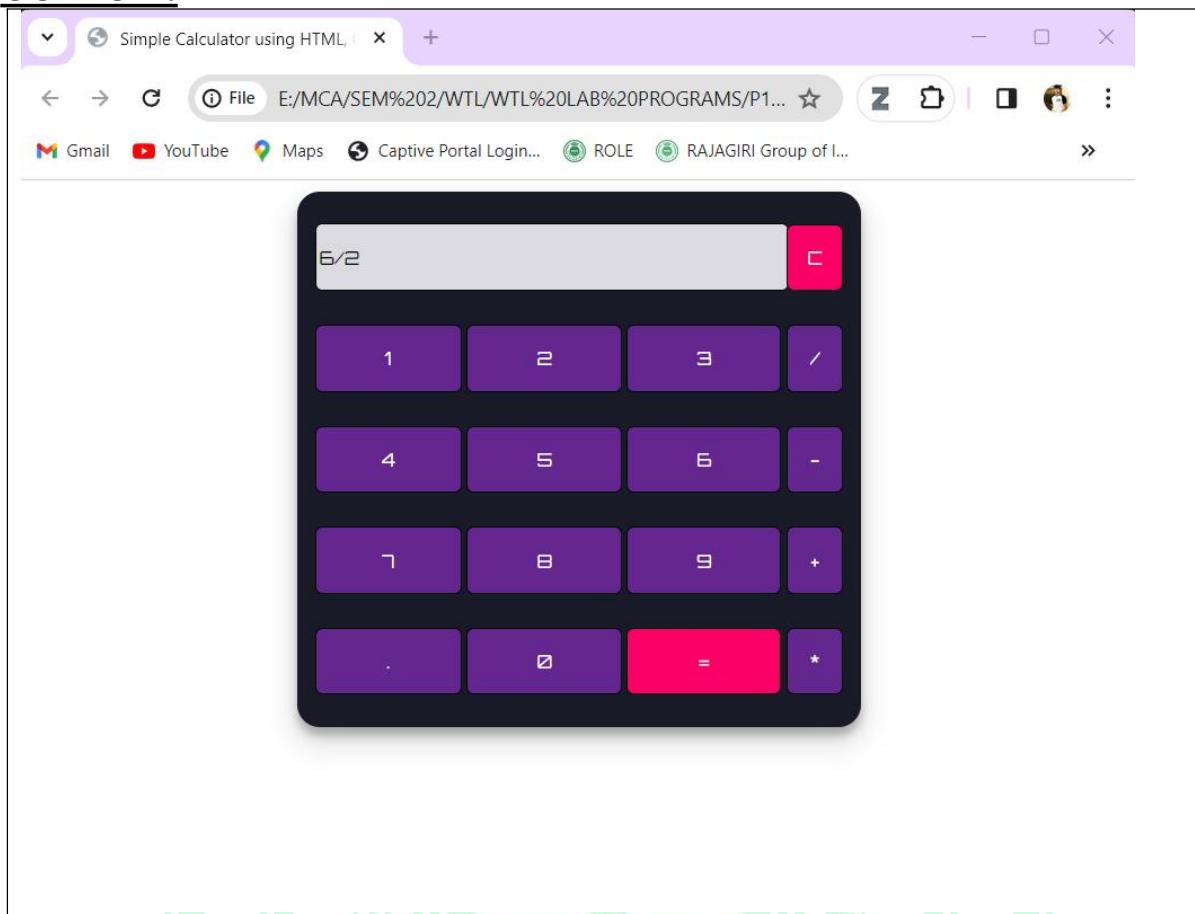
    // This function displays the values
    function display(value) {
        document.getElementById("result").value += value;
    }

    // This function evaluates the expression and returns the result
    function calculate() {
        var p = document.getElementById("result").value;
        var q = eval(p);
        document.getElementById("result").value = q;
    }
</script>
</body>

</html>

```

OUTPUT :



Program 1.7

Date: 07/01/2024

Write a program to create a comment box using HTML and CSS.

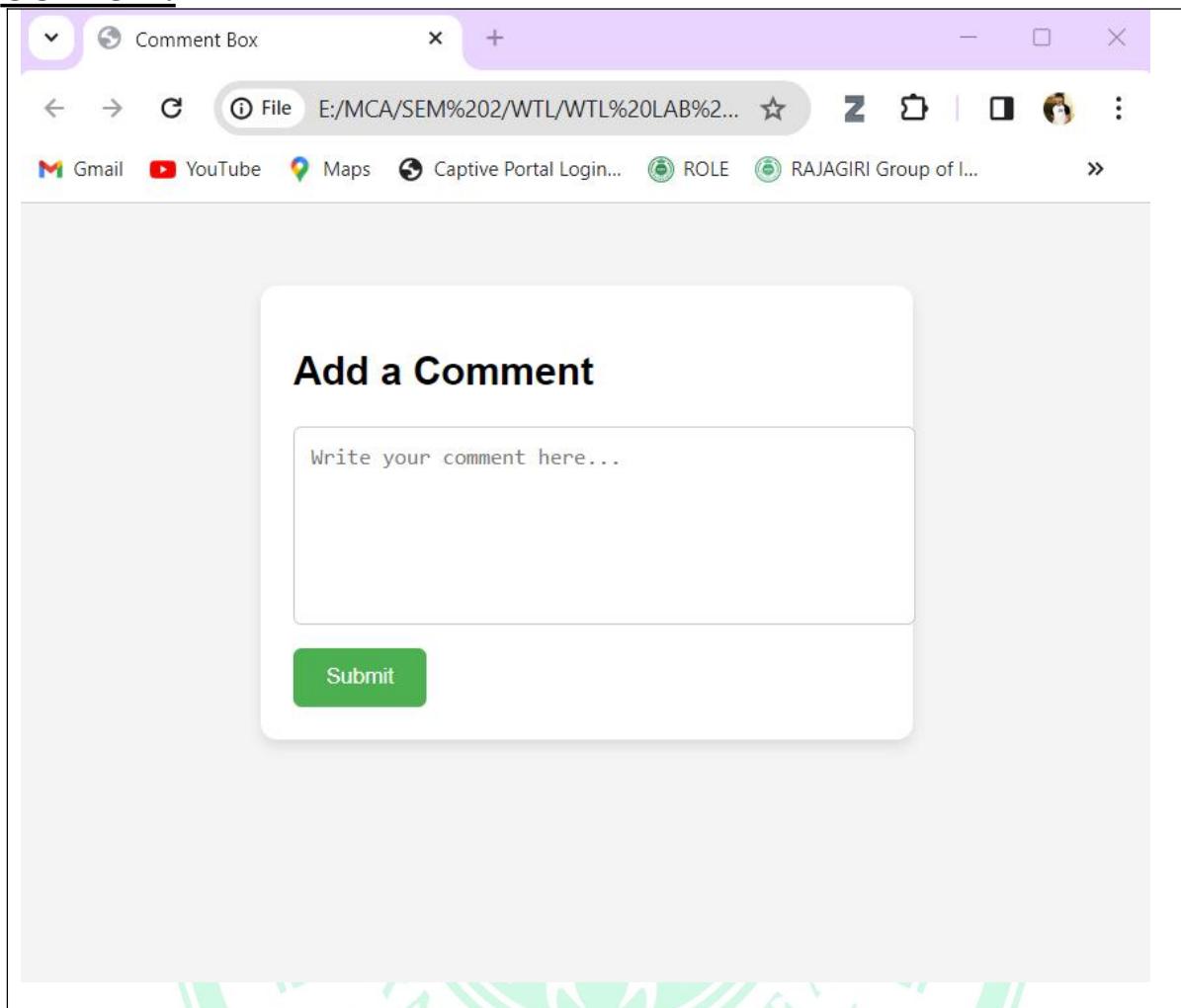
CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Comment Box</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
        }
        .comment-box {
            width: 400px;
            margin: 50px auto;
            background-color: #fff;
            border-radius: 10px;
            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
            padding: 20px;
            box-sizing: border-box;
        }
        .comment-box textarea {
            width: 100%;
            height: 100px;
            padding: 10px;
            margin-bottom: 10px;
            border: 1px solid #ccc;
            border-radius: 5px;
            resize: none;
        }
    </style>

```

```
.comment-box input[type="submit"] {  
    background-color: #4caf50;  
    color: #fff;  
    border: none;  
    border-radius: 5px;  
    padding: 10px 20px;  
    cursor: pointer;  
    transition: background-color 0.3s;  
}  
.comment-box input[type="submit"]:hover {  
    background-color: #45a049;  
}  
</style>  
</head>  
<body>  
  
<div class="comment-box">  
    <h2>Add a Comment</h2>  
    <form action="">  
        <textarea name="comment" id="comment" placeholder="Write  
your comment here..." required></textarea>  
        <br>  
        <input type="submit" value="Submit">  
    </form>  
</div>  
  
</body>  
</html>
```

OUTPUT :



Program 1.8

Date: 08/01/2024

Write an HTML code to implement the CSS Loader.

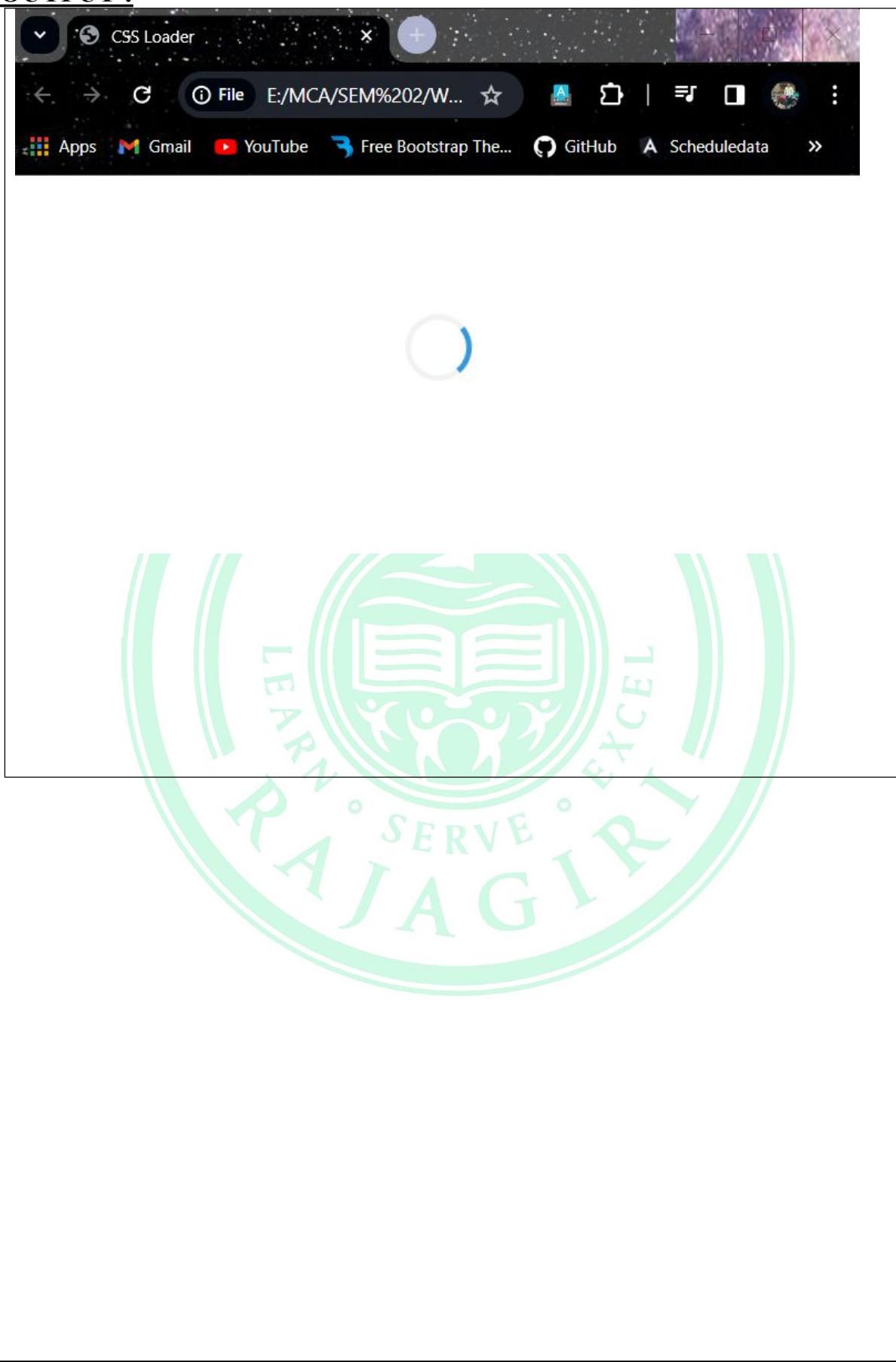
CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>CSS Loader</title>
    <style>
        .loader {
            border: 4px solid #f3f3f3;
            border-top: 4px solid #3498db;
            border-radius: 50%;
            width: 40px;
            height: 40px;
            animation: spin 1s linear infinite;
            margin: 100px auto;
        }
        @keyframes spin {
            0% { transform: rotate(0deg); }
            100% { transform: rotate(360deg); }
        }
    </style>
</head>
<body>

<div class="loader"></div>

</body>
</html>
```

OUTPUT :



Program 1.9

Date: 09/01/2024

Write a program to Redirect a particular section using HTML on the same page.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Redirect to Section</title>
</head>
<body>

<h1>Welcome to My Website</h1>

<p>This is the homepage.</p>

<h2 id="about">About Us</h2>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam. Sed nisi.</p>

<h2 id="contact">Contact Us</h2>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam. Sed nisi.</p>

<p>You can <a href="#about">click here</a> to go to the About Us section.</p>
<p>You can <a href="#contact">click here</a> to go to the Contact Us section.</p>

</body>
</html>
```

OUTPUT :

Redirect to Section

E:/MCA/SEM%202/WTL/WTL%20LA...

Gmail YouTube Maps Captive Portal Login... ROLE RAJAGIRI Group of I...

Welcome to My Website

This is the homepage.

About Us

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam. Sed nisi.

Contact Us

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam. Sed nisi.

You can [click here](#) to go to the About Us section.

You can [click here](#) to go to the Contact Us section.



Program 2.1

Date: 10/01/2024

Write a program to implement pop-up boxes available in JavaScript.

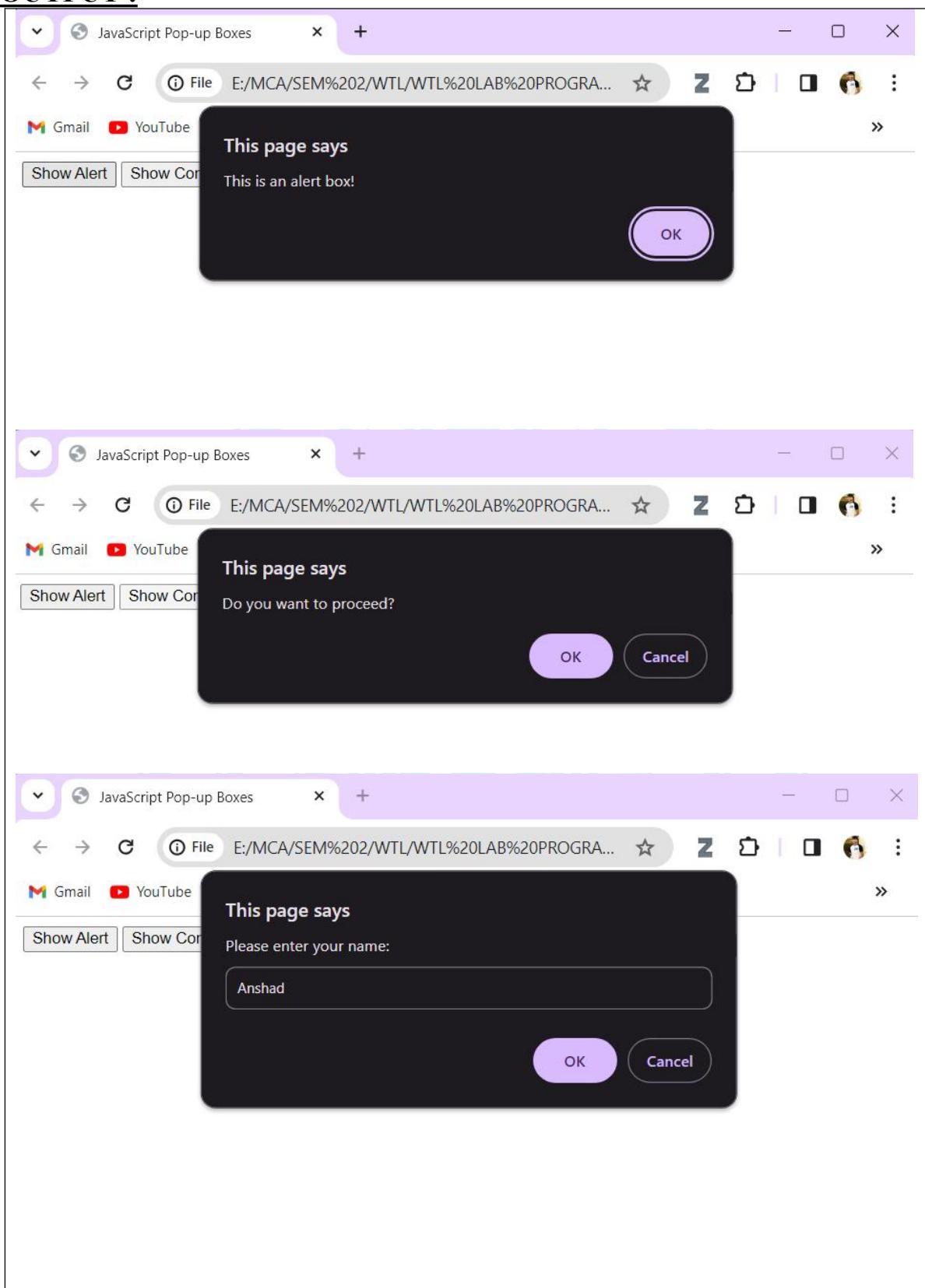
CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>JavaScript Pop-up Boxes</title>
    <script>
        function showAlert() {
            alert("This is an alert box!");
        }
        function showConfirm() {
            var result = confirm("Do you want to proceed?");
            if (result) {
                alert("You clicked OK!");
            } else {
                alert("You clicked Cancel!");
            }
        }
        function showPrompt() {
            var name = prompt("Please enter your name:");
            if (name !== null && name !== "") {
                alert("Hello, " + name + "!");
            } else {
                alert("You did not enter your name.");
            }
        }
    </script>
</head>
<body>
<button onclick="showAlert()">Show Alert</button>
<button onclick="showConfirm()">Show Confirm</button>
<button onclick="showPrompt()">Show Prompt</button>
</body>
```

</html>



OUTPUT :



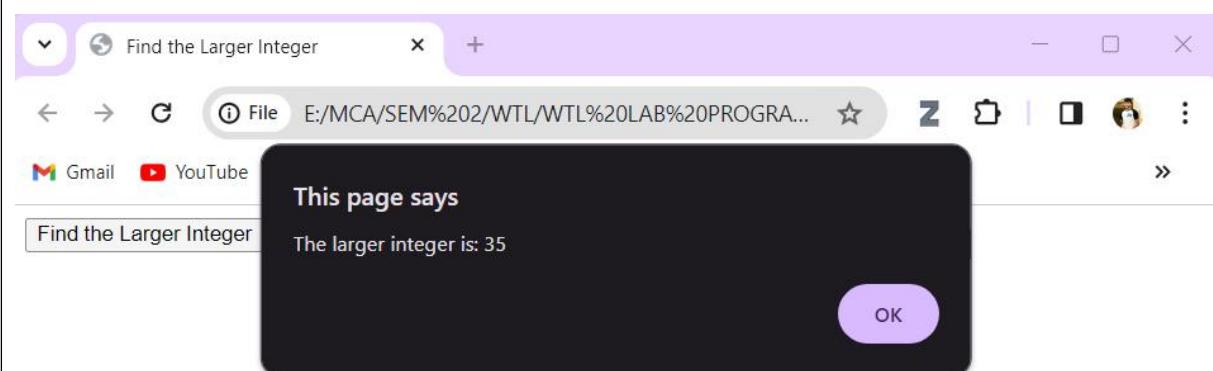
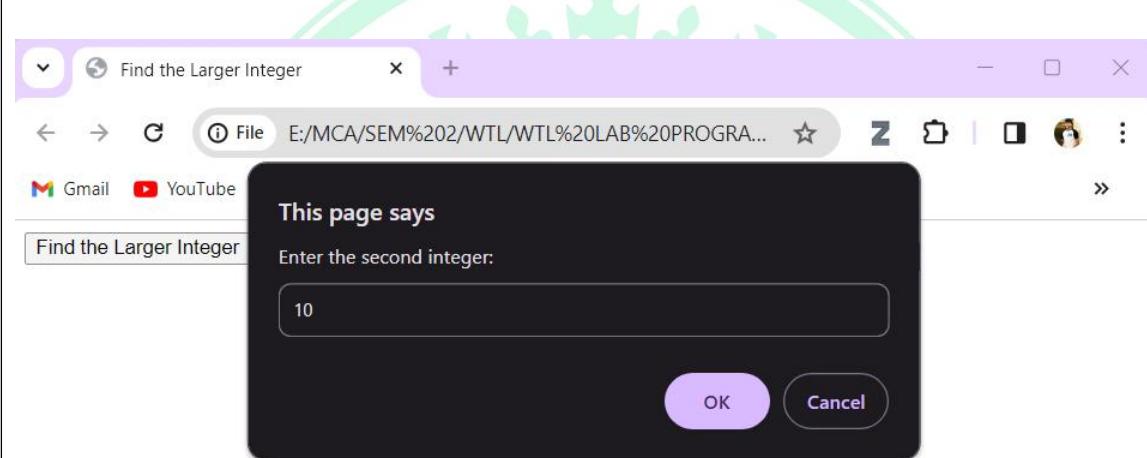
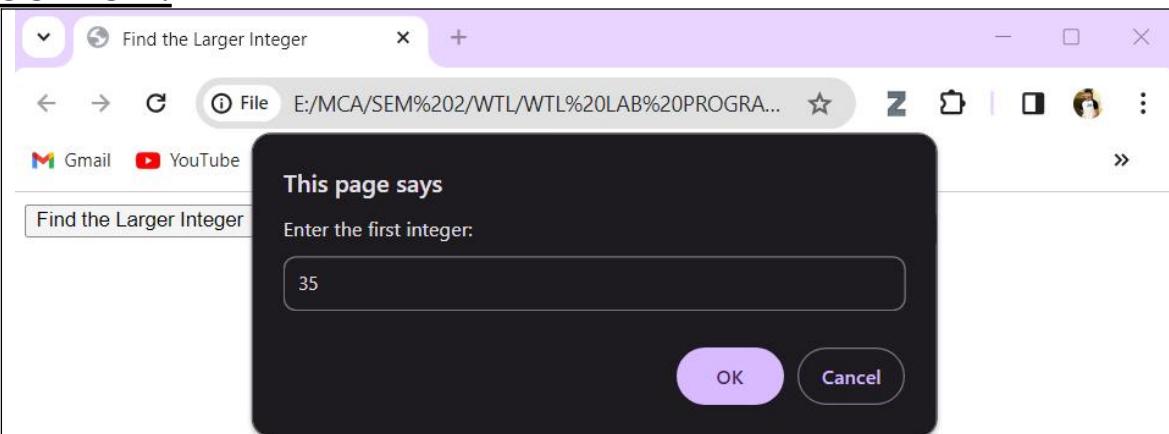
Write a program to implement pop-up boxes available in JavaScript.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Find the Larger Integer</title>
    <script>
        function findLarger() {
            // Get the values entered by the user
            var num1 = parseInt(prompt("Enter the first integer:"));
            var num2 = parseInt(prompt("Enter the second integer:"));

            // Check if both inputs are valid integers
            if (!isNaN(num1) && !isNaN(num2)) {
                // Compare the two integers and display the larger one
                if (num1 > num2) {
                    alert("The larger integer is: " + num1);
                } else if (num2 > num1) {
                    alert("The larger integer is: " + num2);
                } else {
                    alert("Both integers are equal.");
                }
            } else {
                alert("Please enter valid integers.");
            }
        }
    </script>
</head>
<body>
    <button onclick="findLarger()">Find the Larger Integer</button>
</body>
</html>
```

OUTPUT :



Write a program to implement Email Validation in JavaScript.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Email Validation</title>
    <script>
        function validateEmail() {
            // Get the email input value
            var email = document.getElementById("email").value;

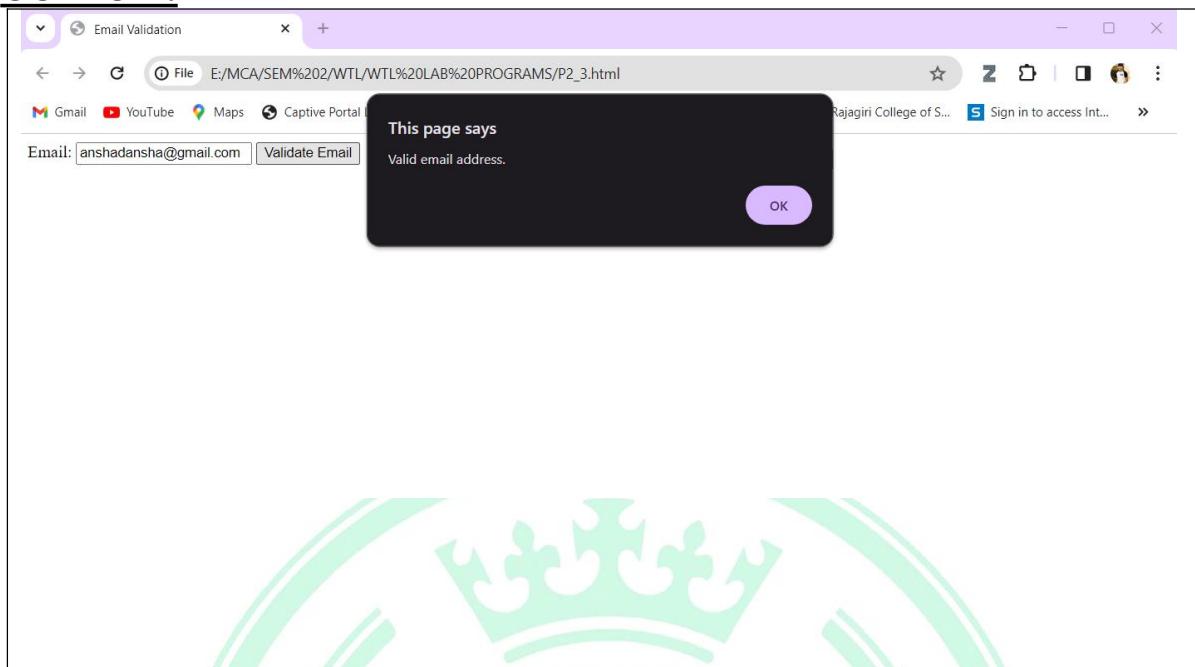
            // Regular expression for email validation
            var regex = /^[^s@]+@[^\s@]+\.[^\s@]+$/;

            // Test if the email matches the regular expression
            if (regex.test(email)) {
                alert("Valid email address.");
            } else {
                alert("Invalid email address. Please enter a valid email.");
            }
        }
    </script>
</head>
<body>

<label for="email">Email:</label>
<input type="text" id="email" name="email">
<button onclick="validateEmail()">Validate Email</button>

</body>
</html>
```

OUTPUT :



Write a JavaScript program to sort the items of an array.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Sort Array</title>
</head>
<body>

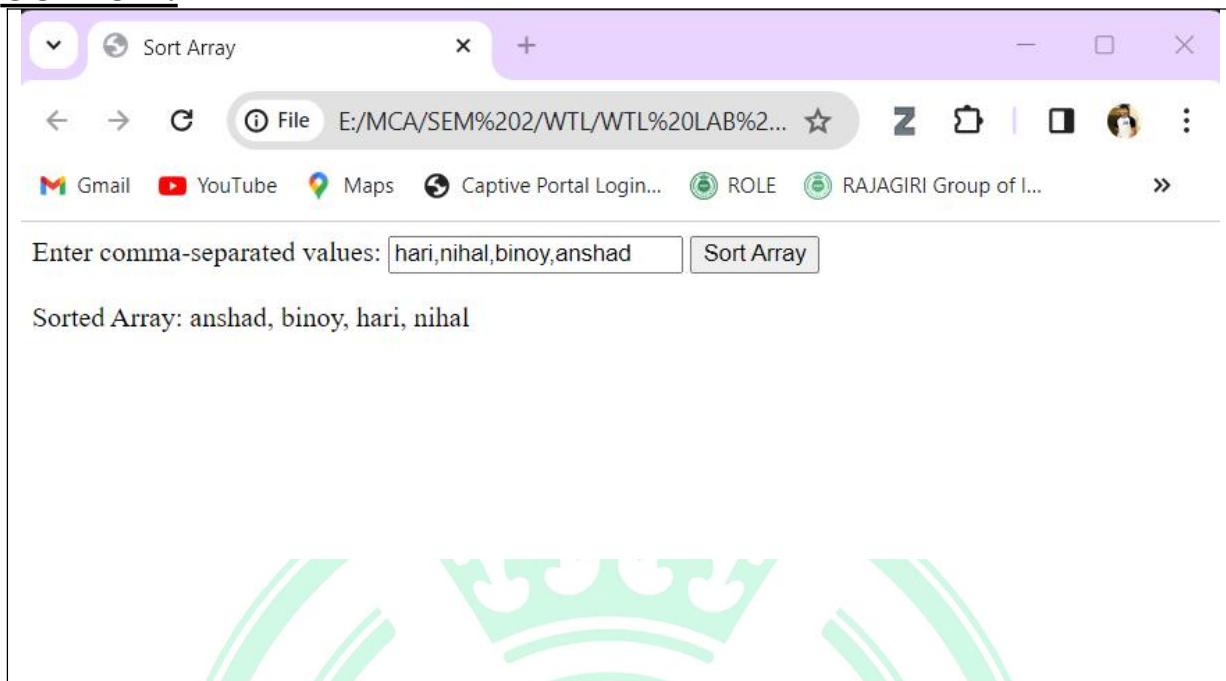
<label for="inputValues">Enter comma-separated values:</label>
<input type="text" id="inputValues">
<button onclick="sortArray()">Sort Array</button>

<p id="arrayValues"></p>

<script>
    function sortArray() {
        // Get the input value from the textbox
        var input = document.getElementById("inputValues").value;
        // Split the input string into an array
        var items = input.split(",");
        // Sort the array
        items.sort();
        // Display the sorted array
        document.getElementById("arrayValues").innerHTML = "Sorted
Array: " + items.join(", ");
    }
</script>

</body>
</html>
```

OUTPUT :



Sort Array

E:/MCA/SEM%202/WTL/WTL%20LAB%2...

Gmail YouTube Maps Captive Portal Login... ROLE RAJAGIRI Group of I...

Enter comma-separated values: hari,nihal,binoy,anshad

Sort Array

Sorted Array: anshad, binoy, hari, nihal



Demonstrate Function call in JavaScript.**CODE :**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Function Call Demo</title>
</head>
<body>

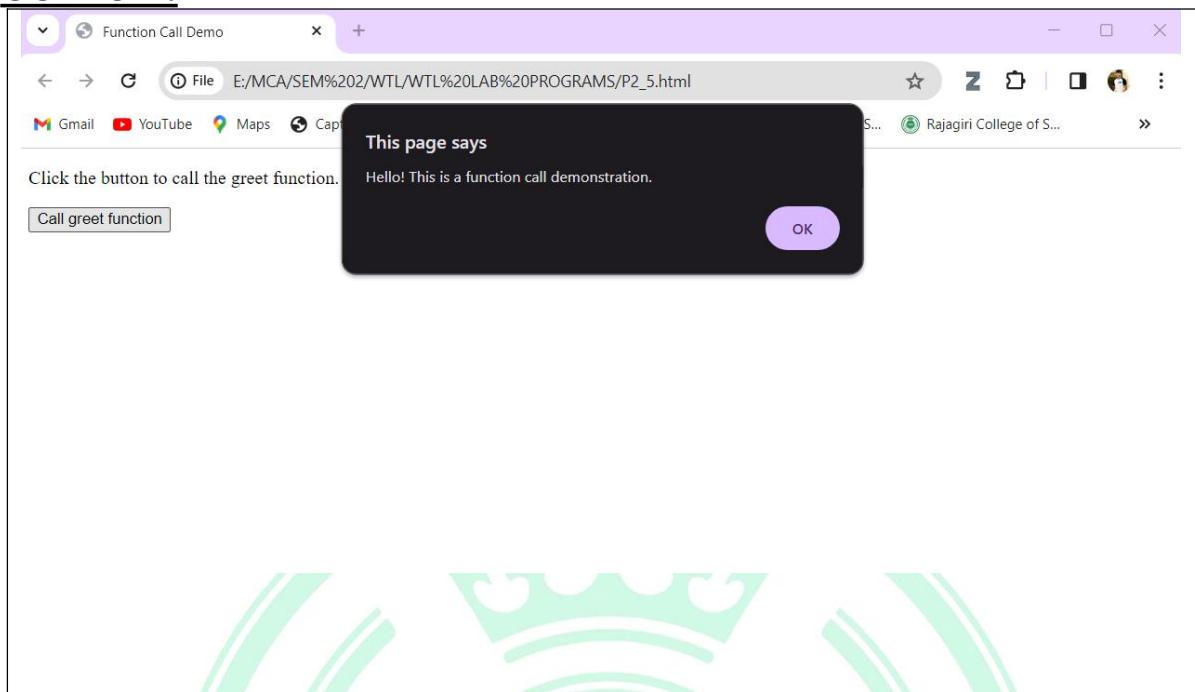
<p>Click the button to call the greet function.</p>

<button onclick="greet()">Call greet function</button>

<script>
    // Define a function called greet
    function greet() {
        alert("Hello! This is a function call demonstration.");
    }
</script>

</body>
</html>
```

OUTPUT :



Program 2.6

Date: 28/01/2024

Write a JavaScript program to test the first character of a string is uppercase or not.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Test Uppercase</title>
</head>
<body>

<label for="inputString">Enter a string:</label>
<input type="text" id="inputString">
<button onclick="testUppercase()">Test Uppercase</button>

<p id="result"></p>

<script>
function testUppercase() {
// Get the input value from the text box
var inputString = document.getElementById("inputString").value;

// Check if the first character is uppercase
if (inputString.charAt(0) === inputString.charAt(0).toUpperCase()) {
document.getElementById("result").textContent = "The first character is uppercase.";
} else {
document.getElementById("result").textContent = "The first character is not uppercase.";
}
}
</script>

</body>
</html>
```

OUTPUT :

The screenshot shows a web browser window with the title "Test Uppercase". The address bar displays the URL "E:/MCA/SEM%202/WTL/WTL%...". Below the address bar, there are several icons for links to "Gmail", "YouTube", "Maps", "Captive Portal Login...", and "ROLE". A search bar contains the text "Enter a string: Anshad". To the right of the search bar is a button labeled "Test Uppercase". The main content area of the browser shows the text "The first character is uppercase." followed by a large watermark of the Rajagiri College logo.



Write a JavaScript Program to Convert Decimal to Binary.**CODE :**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Decimal to Binary Converter</title>
</head>
<body>
<label for="decimalInput">Enter a decimal number:</label>
<input type="number" id="decimalInput">
<button onclick="convertToBinary()">Convert to Binary</button>
<p id="binaryOutput"></p>
<script>
function convertToBinary() { // Get the decimal input value
    var decimalNumber =
        parseInt(document.getElementById("decimalInput").value);
    // Check if the input is a valid number
    if (!isNaN(decimalNumber)) {
        // Convert decimal to binary
        var binaryNumber = decimalNumber.toString(2);

        // Display the binary output
        document.getElementById("binaryOutput").textContent = "Binary
representation: " + binaryNumber;
    } else {
        // Display error message for invalid input
        document.getElementById("binaryOutput").textContent = "Invalid input.
Please enter a valid decimal number.";
    }
}
</script>
</body>
</html>
```

OUTPUT :

Decimal to Binary Converter

E:/MCA/SEM%202/WTL/WTL%20LAB%20P...

Gmail YouTube Maps Captive Portal Login... ROLE RAJAGIRI Group of I...

Enter a decimal number: Convert to Binary

Binary representation: 11001



Program 2.8

Date: 2/02/2024

Create a webpage that displays the current date and time using Javascript.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Current Date and Time</title>
</head>
<body>

<p id="dateTime"></p>

<script>
function updateDateTime() {
// Get the current date and time
var currentDate = new Date();

// Format the date and time as a string
var dateTimeString = currentDate.toLocaleString();

// Update the content of the HTML element
document.getElementById("dateTime").textContent = "Current Date and
Time: " + dateTimeString;
}

// Call the function initially to display the current date and time
updateDateTime();

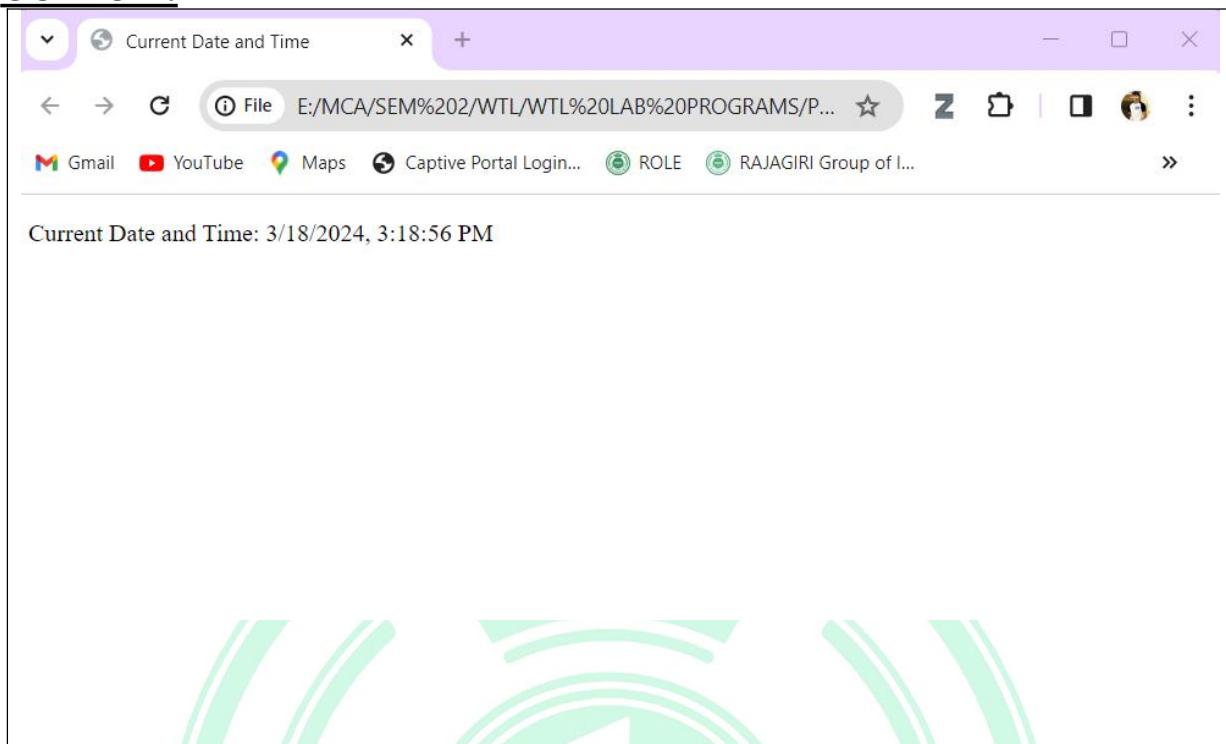
// Update the date and time every second
setInterval(updateDateTime, 1000);
</script>

</body>
```

</html></html>



OUTPUT :



Program 2.9

Date: 2/02/2024

Implement a JavaScript program to change the background color randomly.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Random Background Color</title>
    <style>
        body {
            margin: 0;
            padding: 0;
            height: 100vh;
            display: flex;
            justify-content: center;
            align-items: center;
            font-size: 24px;
            color: white;
        }
    </style>
</head>
<body id="body">

<p>Click anywhere to change the background color randomly.</p>

<script>
    // Function to generate a random RGB color
    function getRandomColor() {
        var r = Math.floor(Math.random() * 256); // Random red value
        between 0 and 255
        var g = Math.floor(Math.random() * 256); // Random green value
        between 0 and 255
        var b = Math.floor(Math.random() * 256); // Random blue value
    }
</script>
```

```

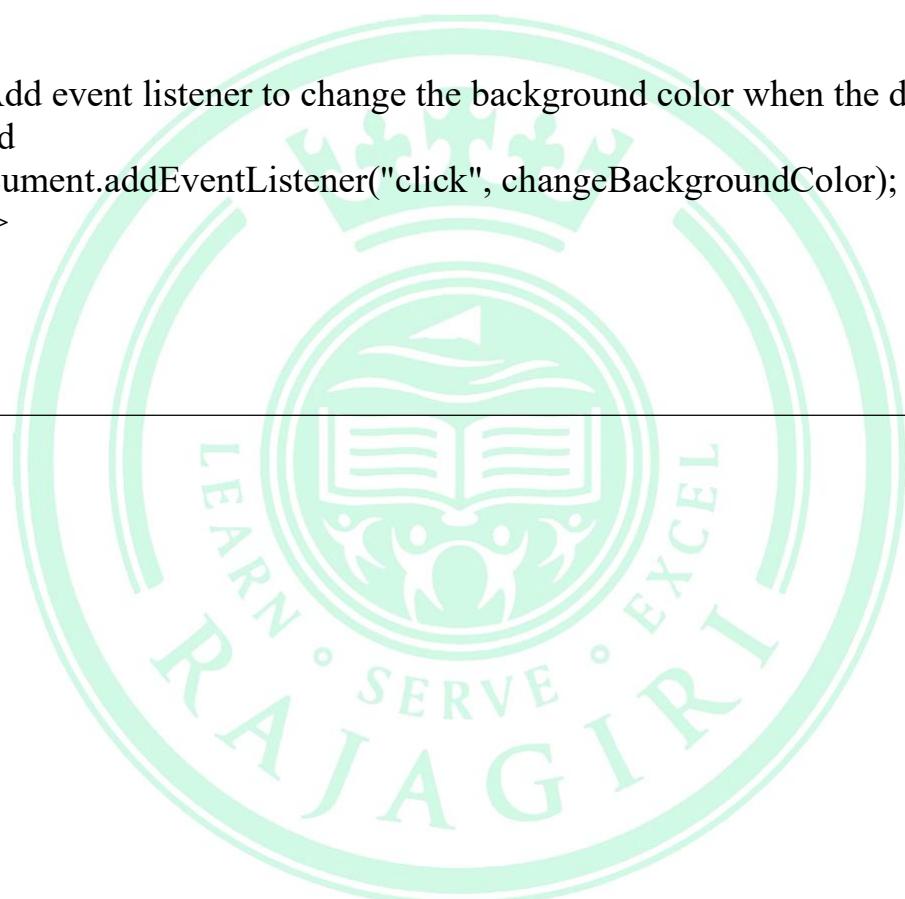
between 0 and 255
    return `rgb(${r}, ${g}, ${b})`; // Return the RGB color string
}

// Function to change the background color randomly
function changeBackgroundColor() {
    var body = document.getElementById("body"); // Get the body
element
    var randomColor = getRandomColor(); // Get a random color
    body.style.backgroundColor = randomColor; // Set the background
color of the body
}

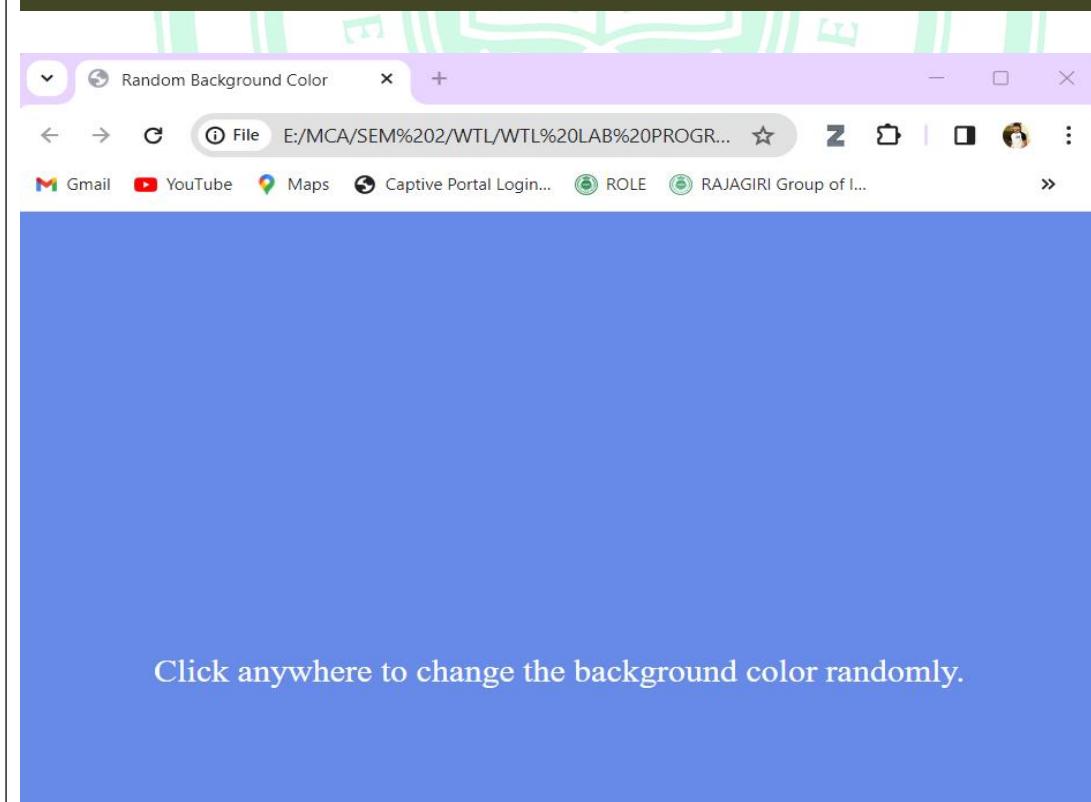
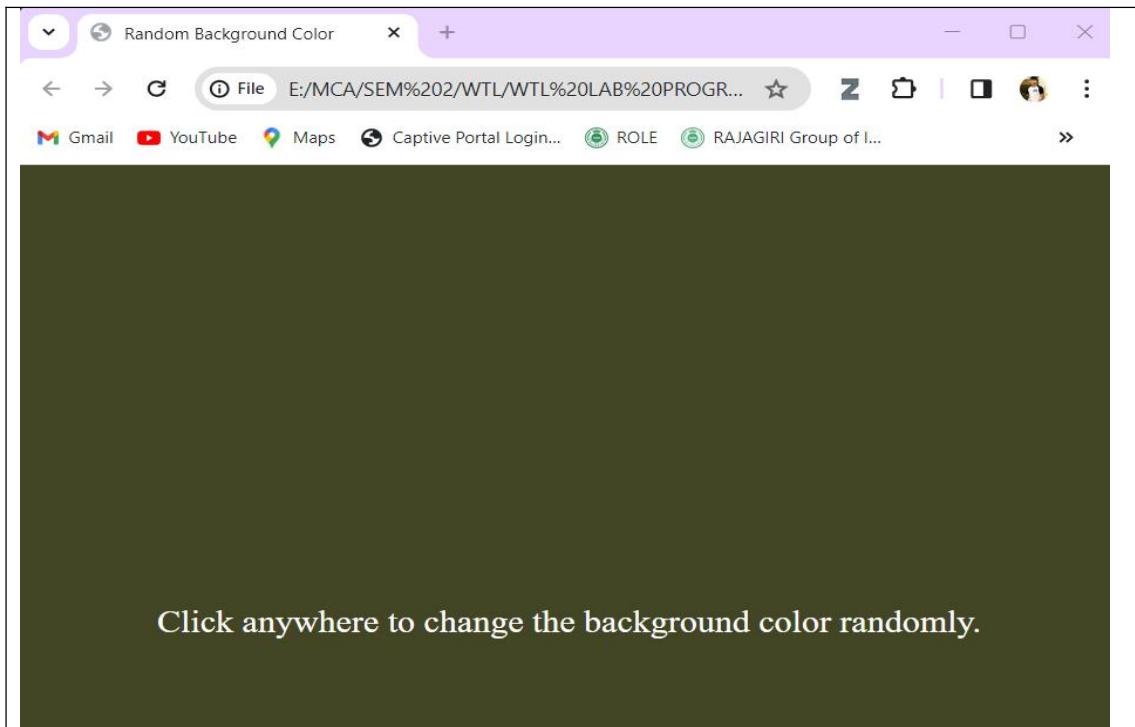
// Add event listener to change the background color when the document
is clicked
document.addEventListener("click", changeBackgroundColor);
</script>

</body>
</html>

```



OUTPUT :



Program 2.10

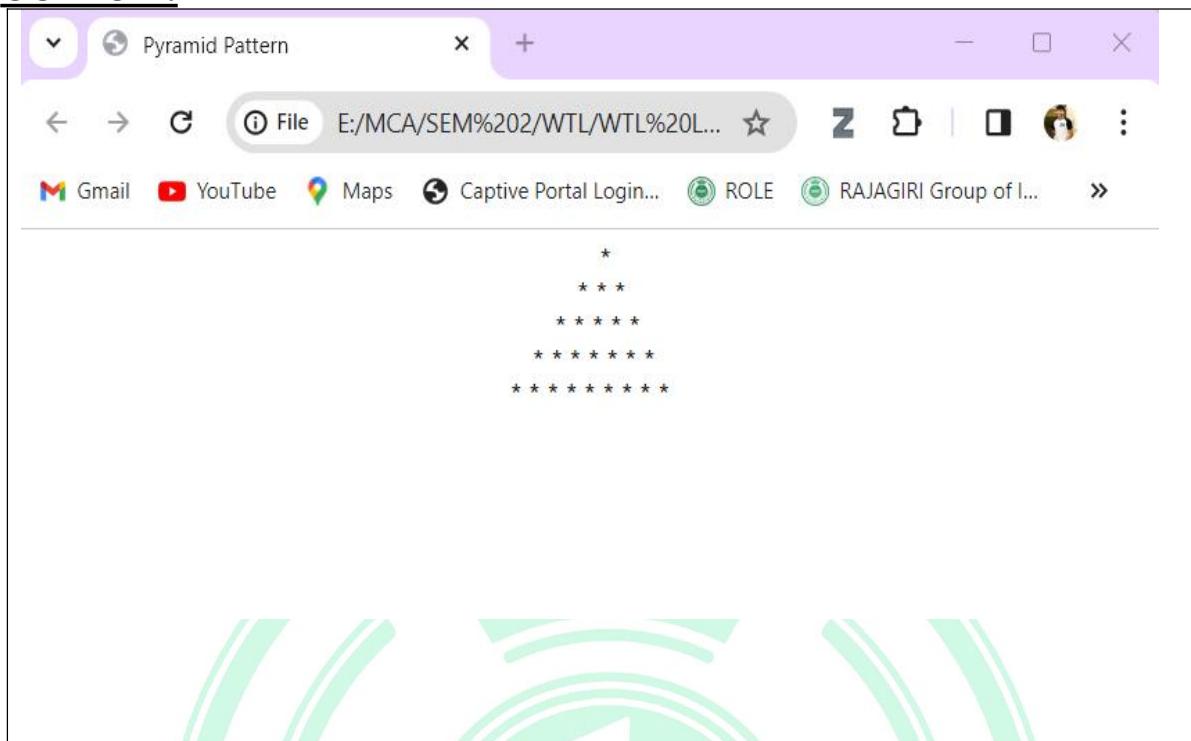
Date: 4/02/2024

Write a JavaScript program to construct the pyramid pattern, using a nested for loop.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Pyramid Pattern</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            text-align: center;
        }
    </style>
</head>
<body>
<script>
    // Define the height of the pyramid
    var height = 5;
    // Outer loop for rows
    for (var i = 1; i <= height; i++) {
        // Inner loop for spaces
        for (var j = height - i; j > 0; j--) {
            document.write(" "); // Output space
        }
        // Inner loop for stars
        for (var k = 1; k <= 2 * i - 1; k++) {
            document.write("* "); // Output star
        }
        document.write("<br>"); // Output newline
    }
</script>
</body>
</html>
```

OUTPUT :



The screenshot shows a web browser window with a purple header bar. The title bar reads "Pyramid Pattern". The address bar shows the URL "E:/MCA/SEM%202/WTI/WTI%20L...". Below the address bar are standard browser controls: back, forward, search, and others. A toolbar below the address bar includes links for "Gmail", "YouTube", "Maps", "Captive Portal Login...", "ROLE", and "RAJAGIRI Group of I...". The main content area displays a pyramid pattern of asterisks (*). The pattern consists of five rows of asterisks, with the top row having one asterisk and the bottom row having seven asterisks.

```
*
**
***
*****
*****
*****
```



Program 2.11

Date: 8/02/2024

Write a JavaScript Program to Solve Quadratic Equations.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Quadratic Equation Solver</title>
</head>
<body>

<label for="inputA">Enter the value of 'a':</label>
<input type="number" id="inputA"><br>

<label for="inputB">Enter the value of 'b':</label>
<input type="number" id="inputB"><br>

<label for="inputC">Enter the value of 'c':</label>
<input type="number" id="inputC"><br>

<button onclick="solveQuadratic()">Solve Quadratic Equation</button>

<p id="solution"></p>

<script>
function solveQuadratic() {
// Get the values of coefficients 'a', 'b', and 'c'
var a = parseFloat(document.getElementById("inputA").value);
var b = parseFloat(document.getElementById("inputB").value);
var c = parseFloat(document.getElementById("inputC").value);

// Check if 'a' is zero
if (a === 0) {
document.getElementById("solution").textContent = "This is not a quadratic
equation. 'a' cannot be zero.";
return;
}
```

```

}

// Calculate the discriminant
var discriminant = b * b - 4 * a * c;

// Initialize variables to store solutions
var x1, x2;

// Check if the discriminant is positive, zero, or negative
if (discriminant > 0) {
    // Two real and distinct roots
    x1 = (-b + Math.sqrt(discriminant)) / (2 * a);
    x2 = (-b - Math.sqrt(discriminant)) / (2 * a);
    document.getElementById("solution").textContent = "The roots are: " + x1 +
        " and " + x2;
} else if (discriminant === 0) {
    // One real root (double root)
    x1 = -b / (2 * a);
    document.getElementById("solution").textContent = "The root is: " + x1;
} else {
    // Complex roots
    var realPart = -b / (2 * a);
    var imaginaryPart = Math.sqrt(-discriminant) / (2 * a);
    document.getElementById("solution").textContent = "The roots are complex:
        " + realPart + " + " + imaginaryPart + "i and " + realPart + " - " +
        imaginaryPart + "i";
}
}
}

</script>

</body>
</html>

```

OUTPUT :

Quadratic Equation Solver

File E:/MCA/SEM%202/WTL/WTL%20LAB%20PROGRAMS/P2_1...

Gmail YouTube Maps Captive Portal Login... ROLE RAJAGIRI Group of I... Rajagiri College of S... »

Enter the value of 'a':
Enter the value of 'b':
Enter the value of 'c':

The roots are: -0.0752833793603962 and -19.924716620639604



Program 2.12

Date: 10/02/2024

Write a JavaScript function that accepts a string as a parameter and counts the number of vowels within the string.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Count Vowels</title>
</head>
<body>

<label for="inputString">Enter a string:</label>
<input type="text" id="inputString">
<button onclick="countVowels()">Count Vowels</button>

<p id="result"></p>

<script>
    function countVowels() {
        // Get the input string
        var inputString = document.getElementById("inputString").value.toLowerCase(); // Convert to lowercase for case-insensitive counting

        // Define an array containing the vowels
        var vowels = ['a', 'e', 'i', 'o', 'u'];

        // Initialize a variable to count the number of vowels
        var vowelCount = 0;

        // Loop through each character in the input string
        for (var i = 0; i < inputString.length; i++) {
```

```

        // Check if the current character is a vowel
        if (vowels.includes(inputString[i])) {
            // If it's a vowel, increment the vowel count
            vowelCount++;
        }
    }

    // Display the result
    document.getElementById("result").textContent = "Number of
vowels: " + vowelCount;
}
</script>

</body>
</html>

```



OUTPUT :

The screenshot shows a web browser window titled "Count Vowels". The address bar displays the URL "E:/MCA/SEM%202/WTL/WTL%20LAB%20PRO...". Below the address bar, there are several icons for various services like Gmail, YouTube, Maps, Captive Portal Login, ROLE, and RAJAGIRI Group of I... A search bar contains the text "Enter a string: anshad" and a button labeled "Count Vowels". The main content area displays the text "Number of vowels: 2".



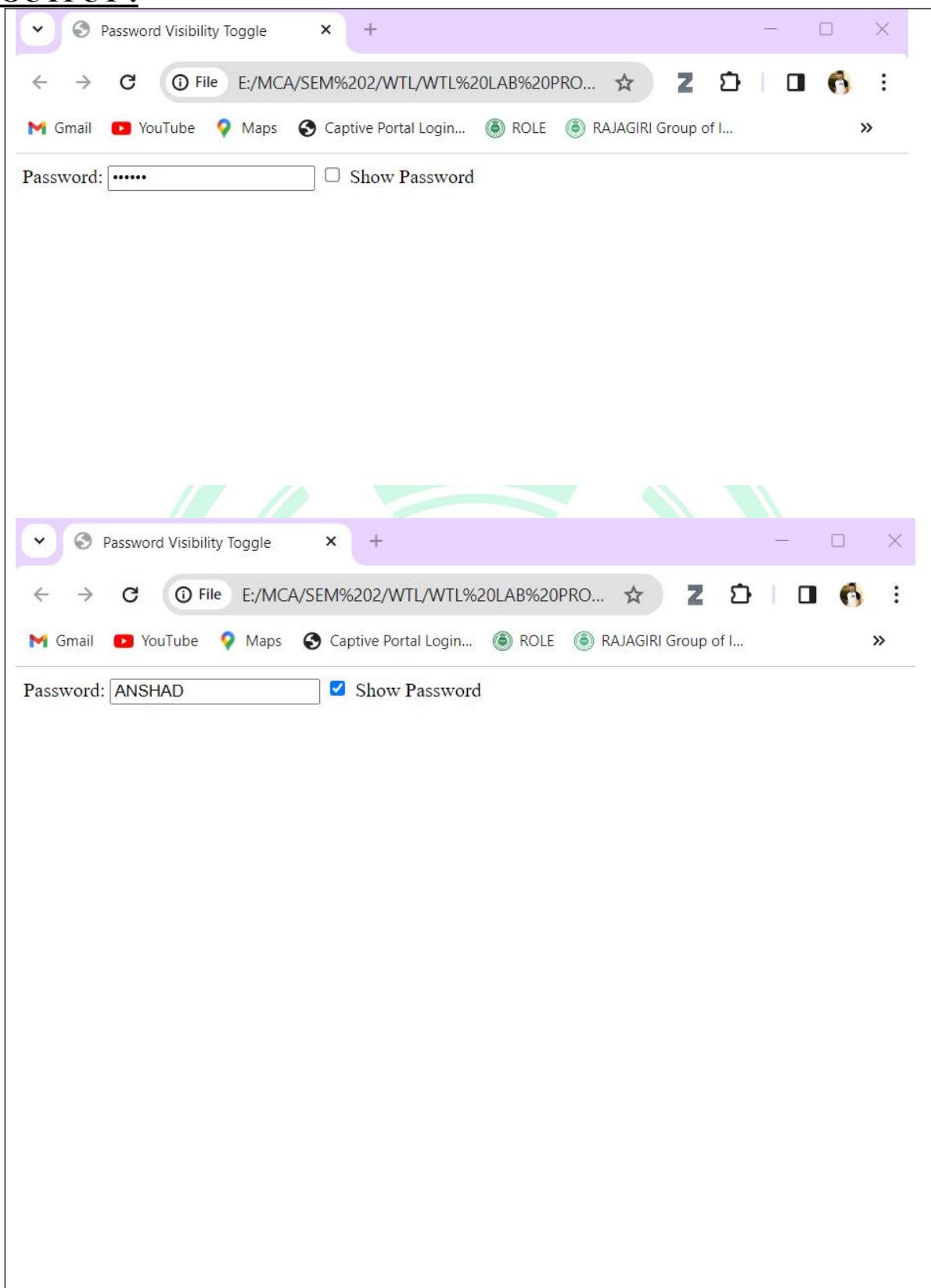
Write a program to Toggle Password Visibility in JavaScript.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Password Visibility Toggle</title>
</head>
<body>
<label for="password">Password:</label>
<input type="password" id="password">
<input type="checkbox" id="toggleCheckbox" onclick="togglePasswordVisibility()">
<label for="toggleCheckbox">Show Password</label>
<script>
function togglePasswordVisibility() { // Get the password input element and
    // the toggle checkbox
    var passwordInput = document.getElementById("password");
    var toggleCheckbox = document.getElementById("toggleCheckbox");

    // Check if the checkbox is checked
    if (toggleCheckbox.checked) {
        // If checked, set the type of the password input to "text" to show the
        // password
        passwordInput.type = "text";
    } else {
        // If not checked, set the type of the password input back to "password" to
        // hide the password
        passwordInput.type = "password";
    }
}
</script>
</body>
</html>
```

OUTPUT :



Program 3.1

Date: 20/02/2024

Write a program to demonstrate the Fibonacci sequence in JSON.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Fibonacci Sequence in JSON</title>
</head>
<body>

<label for="fibonacciCount">Enter the number of Fibonacci
numbers:</label>
<input type="number" id="fibonacciCount"><br>
<button onclick="generateFibonacciJSON()">Generate
Sequence</button>

<p id="fibonacciOutput"></p>

<script>
// Function to generate the Fibonacci sequence and return it as a JSON string
function generateFibonacciJSON() {
    var fibonacciCount =
        parseInt(document.getElementById("fibonacciCount").value);

    if (isNaN(fibonacciCount) || fibonacciCount <= 0) {
        document.getElementById("fibonacciOutput").textContent = "Please enter a
valid positive integer.";
        return;
    }

    var fibonacciSequence = [0, 1];

    for (var i = 2; i < fibonacciCount; i++) {
        fibonacciSequence.push(fibonacciSequence[i - 1] + fibonacciSequence[i -
```

```
2]);
}

var fibonacciJSON = JSON.stringify(fibonacciSequence);
document.getElementById("fibonacciOutput").textContent = "Fibonacci
Sequence (JSON): " + fibonacciJSON;
}
</script>

</body>
</html>
```



OUTPUT :

Fibonacci Sequence in JSON

File E:/MCA/SEM%202/WTL/WTL%20LA...

Gmail YouTube Maps Captive Portal Login... ROLE RAJAGIRI Group of I...

Enter the number of Fibonacci numbers:

Generate Fibonacci Sequence

Fibonacci Sequence (JSON): [0,1,1,2,3,5,8,13,21,34,55,89,144,233,377]



Program 3.2

Date: 21/02/2024

Write a program to check leap years.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Leap Year Checker</title>
</head>
<body>
<label for="yearInput">Enter a year:</label>
<input type="number" id="yearInput">
<button onclick="checkLeapYear()">Check Leap Year</button>
<p id="result"></p>
<script>
    function checkLeapYear() {
        // Get the input year from the user
        var year = parseInt(document.getElementById("yearInput").value);
        // Check if the year is a leap year
        var isLeapYear = ((year % 4 === 0 && year % 100 !== 0) ||
(year % 400 === 0));
        // Prepare the result object in JSON format
        var result = {
            year: year,
            isLeapYear: isLeapYear
        };
        // Display the result in JSON format
        document.getElementById("result").textContent =
JSON.stringify(result, null, 2);
    }
</script>

</body>
</html>
```

OUTPUT :

Leap Year Checker

File E:/MCA/SEM%202/WTL/WT...

Gmail YouTube Maps Captive Portal Login... ROLE

Enter a year: 2004 Check Leap Year

```
{ "year": 2004, "isLeapYear": true }
```



Program 4.1

Date: 22/02/2024

Write a PHP program to check whether a given number is Armstrong or not.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Armstrong Number Checker</title>
</head>
<body>

<form method="post">
    <label for="number">Enter a number:</label>
    <input type="number" id="number" name="number">
    <button type="submit">Check</button>
</form>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Get the input number from the form
    $number = $_POST["number"];

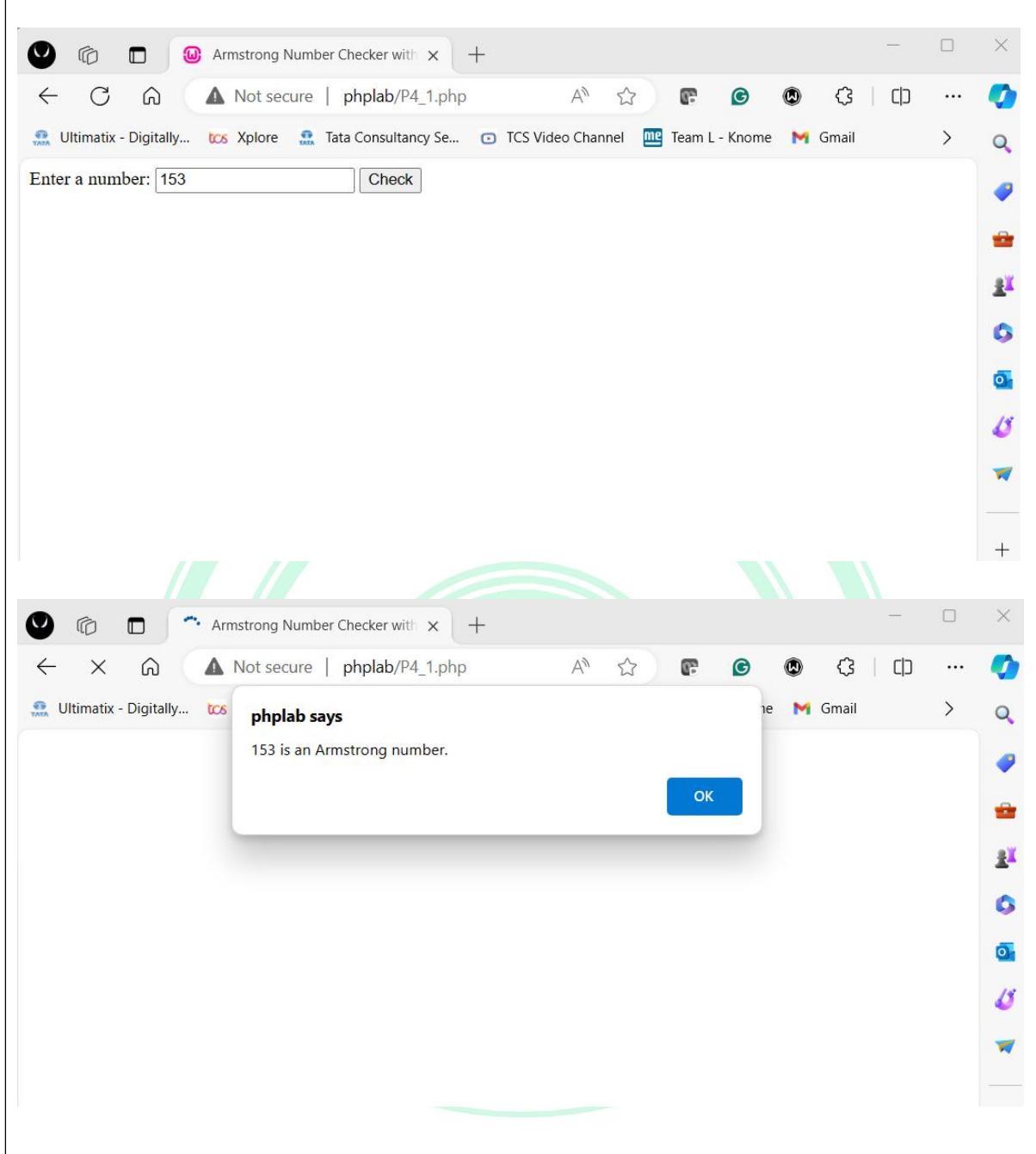
    // Function to check if a number is Armstrong
    function isArmstrong($num) {
        $sum = 0;
        $temp = $num;
        $digits = strlen($num);

        while ($temp != 0) {
            $remainder = $temp % 10;
            $sum += pow($remainder, $digits);
            $temp = intval($temp / 10);
        }
    }
}
```

```
        return $num == $sum;  
    }  
  
    // Check if the input number is Armstrong  
    if (isArmstrong($number)) {  
        echo "<p>{$number} is an Armstrong number.</p>";  
    } else {  
        echo "<p>{$number} is not an Armstrong number.</p>";  
    }  
}  
?  
>  
  
</body>  
</html>
```



OUTPUT :



Program 4.2

Date: 23/02/2024

Write a PHP program to illustrate Cookies.

CODE :

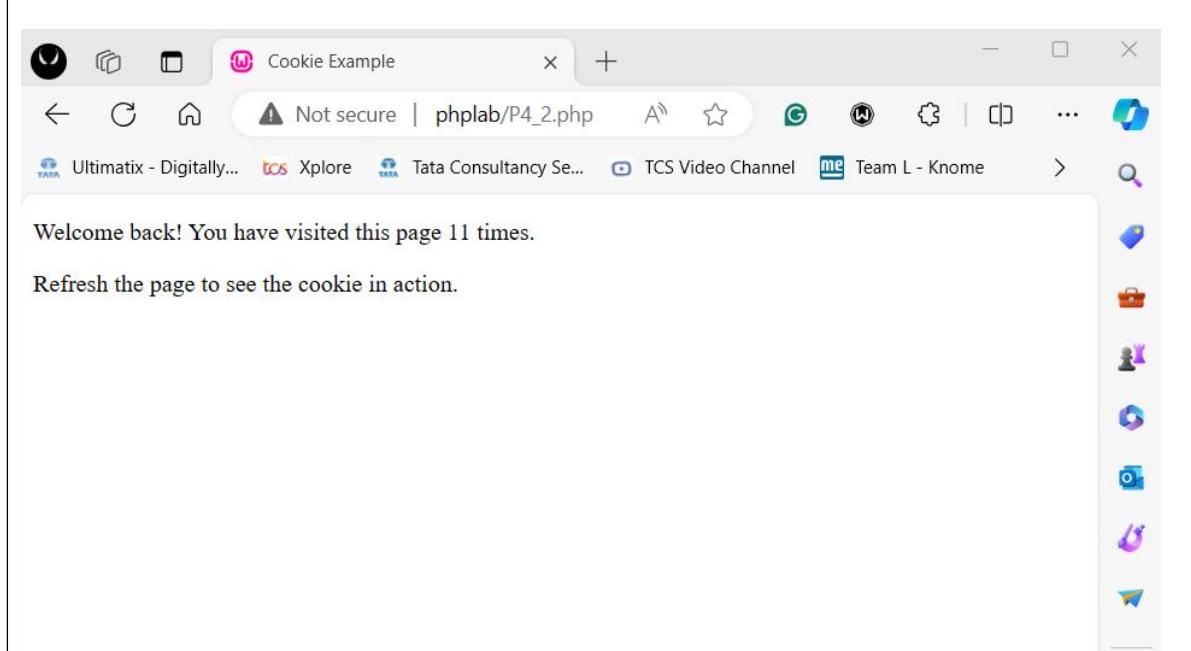
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Cookie Example</title>
</head>
<body>

<?php
// Check if the cookie is set
if (!isset($_COOKIE['visited'])) {
    // If not set, set a cookie to track the number of visits
    $count = 1;
    setcookie('visited', $count, time() + (86400 * 30), "/"); // Cookie expires
in 30 days
    echo "<p>Welcome! This is your first visit.</p>";
} else {
    // If set, retrieve the cookie value and increment the count
    $count = $_COOKIE['visited'] + 1;
    setcookie('visited', $count, time() + (86400 * 30), "/"); // Update cookie
with incremented count
    echo "<p>Welcome back! You have visited this page $count
times.</p>";
}
?>

<p>Refresh the page to see the cookie in action.</p>

</body>
</html>
```

OUTPUT :



Check whether a year is a leap year or not by inserting a year in PHP.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Leap Year Checker</title>
</head>
<body>

<form method="post">
    <label for="year">Enter a year:</label>
    <input type="number" id="year" name="year" min="1" required>
    <button type="submit">Check</button>
</form>
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Get the input year from the form
    $year = $_POST["year"];
    // Function to check if a year is a leap year
    function isLeapYear($year) {
        return (($year % 4 == 0) && ($year % 100 != 0)) || ($year % 400
== 0);
    }
    // Check if the input year is a leap year
    if (isLeapYear($year)) {
        echo "<p>{$year} is a leap year.</p>";
    } else {
        echo "<p>{$year} is not a leap year.</p>";
    }
}
?>
</body>
</html>
```

OUTPUT :

The screenshot shows a web browser window with the title "Leap Year Checker". The address bar indicates the page is "Not secure" and the URL is "phplab/P4_3.php". Below the address bar, there are several bookmarks: "Ultimatrix - Digitally...", "Xplore", "Tata Consultancy Se...", and "TCS Video Channel". The main content area contains a form with the placeholder "Enter a year:" followed by a text input field containing "2004" and a "Check" button. Below the form, the text "2004 is a leap year." is displayed. To the right of the browser window, there is a vertical sidebar with various icons.



Program 4.4

Date: 25/02/2024

Write a program to Implement static properties in PHP.

CODE :

```
<?php

class MyClass {
    public static $staticProperty = "Hello, World!";

    public function __construct() {
        // Constructor
    }

    public static function getStaticProperty() {
        return self::$staticProperty;
    }

    public static function setStaticProperty($value) {
        self::$staticProperty = $value;
    }
}

// Accessing static property without creating an instance of the class
echo MyClass::$staticProperty; // Output: Hello, World!
echo "<br>";

// Changing the value of the static property
MyClass::$staticProperty = "Greetings!";
echo MyClass::getStaticProperty(); // Output: Greetings!
echo "<br>";

// Creating an instance of the class
$obj1 = new MyClass();
echo $obj1::$staticProperty; // Output: Greetings!
echo "<br>";

// Creating another instance of the class
$obj2 = new MyClass();
```

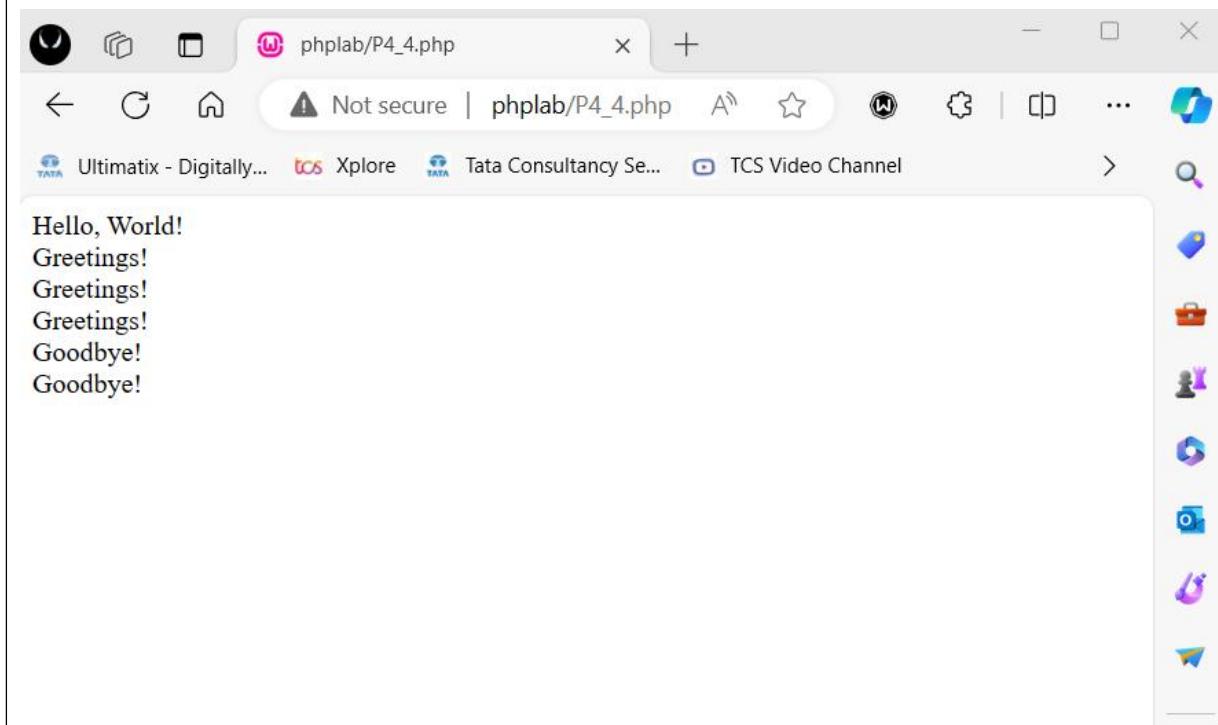
```
echo $obj2::$staticProperty; // Output: Greetings!
echo "<br>";

// Changing the value of the static property using a method
$obj1::setStaticProperty("Goodbye!");
echo $obj1::$staticProperty; // Output: Goodbye!
echo "<br>";
echo $obj2::$staticProperty; // Output: Goodbye!
echo "<br>";

?>
```



OUTPUT :



A screenshot of a web browser window titled "phplab/P4_4.php". The address bar shows a warning icon and the URL "phplab/P4_4.php". Below the address bar, there are several tabs: "Ultimatix - Digitally...", "Xplore", "Tata Consultancy Se...", and "TCS Video Channel". The main content area of the browser displays the following text:

```
Hello, World!  
Greetings!  
Greetings!  
Greetings!  
Goodbye!  
Goodbye!
```



Program 4.5

Date: 27/02/2024

Write a PHP program to use the global keyword to access a global variable from within a function.

CODE :

```
<?php

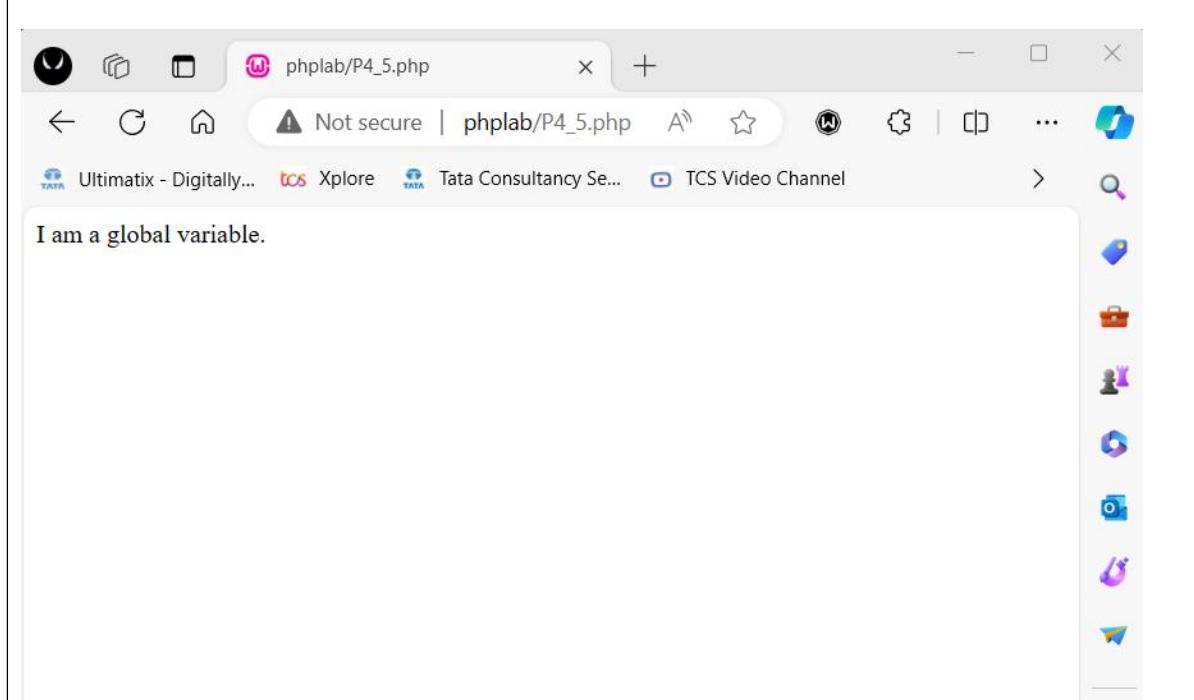
// Define a global variable
$globalVariable = "I am a global variable.";

// Function to access the global variable using the global keyword
function accessGlobalVariable() {
    // Access the global variable using the global keyword
    global $globalVariable;
    echo $globalVariable;
}

// Call the function to access the global variable
accessGlobalVariable();

?>
```

OUTPUT :



Program 4.6

Date: 28/02/2024

Write a PHP program to convert a decimal number into a binary number.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Decimal to Binary Converter</title>
</head>
<body>

<form method="post">
    <label for="decimal">Enter a decimal number:</label>
    <input type="number" id="decimal" name="decimal" min="0"
required>
    <button type="submit">Convert</button>
</form>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Get the decimal number from the form
    $decimal = $_POST["decimal"];

    // Function to convert decimal to binary
    function decimalToBinary($decimal) {
        $binary = "";
        while ($decimal > 0) {
            // Append the remainder of division by 2 to the binary string
            $binary = ($decimal % 2) . $binary;
            // Divide the decimal number by 2
            $decimal = intval($decimal / 2);
        }
        return $binary;
    }
}
```

```
// Convert the decimal number to binary  
$binary = decimalToBinary($decimal);  
echo "<p>Binary representation of {$decimal} is {$binary}.</p>";  
}  
?>  
  
</body>  
</html>
```



OUTPUT :

Decimal to Binary Converter

Not secure | phplab/P4_6.php

Enter a decimal number: Convert

Binary representation of 20 is 10100.



Program 4.7

Date: 29/02/2024

Write a PHP program to store the current date/time in a cookie and display the 'last visited on' date and time on the web page upon reopening the same page.

CODE :

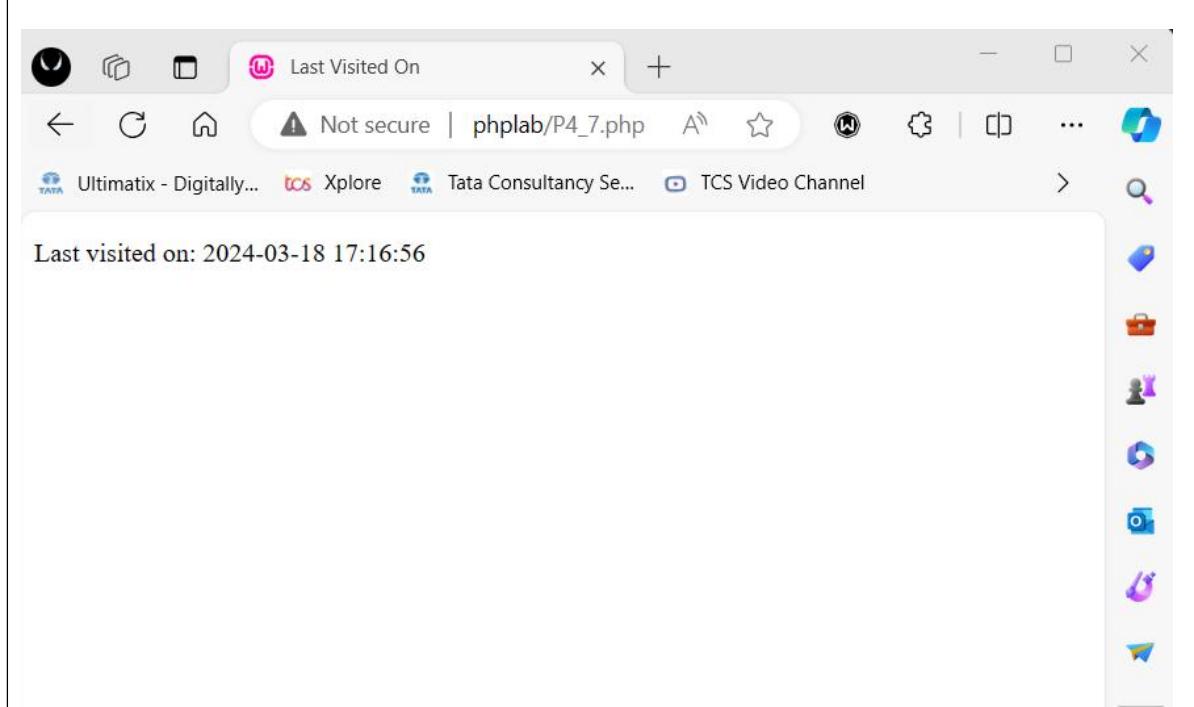
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Last Visited On</title>
</head>
<body>

<?php
// Check if the 'last_visited' cookie is set
if (isset($_COOKIE['last_visited'])) {
    $lastVisited = $_COOKIE['last_visited'];
    echo "<p>Last visited on: $lastVisited</p>";
}

// Store the current date/time in a cookie named 'last_visited'
$currentTime = date("Y-m-d H:i:s");
setcookie('last_visited', $currentTime, time() + (86400 * 30), "/"); // 
Cookie expires in 30 days
?>

</body>
</html>
```

OUTPUT :



Write a PHP program to create an array and store 10 names in the array. Do the following operations.

- 4.8.1 : Display the contents using each statement.
- 4.8.2 : Display the array in sorted order.
- 4.8.3 : Display the array without the duplicate elements.
- 4.8.4 : Remove the last element and display.
- 4.8.5 : Display the array in reverse order.
- 4.8.6 : Search for an element in the given array.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-
scale=1.0">
    <title>Array Operations</title>
</head>
<body>
<?php
// Fixed array values
$names = array("Majo", "Anshad", "Nihal", "Hari", "Majo");
echo "<br><b>Contents of the array using each statement:</b><br><hr>";
foreach ($names as $name) {
    echo $name . "<br>";
}
echo "<br>";
?>
<form method="post">
    <label for="search">Enter name to search:</label><br>
    <input type="text" id="search" name="search" required><br>
    <button type="submit">Submit</button>
</form>
<?php

if ($_SERVER["REQUEST_METHOD"] == "POST") {
```

```

// Get the search element from the form
$searchName = $_POST["search"];
// 4.8.6 : Search for an element in the given array
if (in_array($searchName, $names)) {
    echo "$searchName is found in the array.";
} else {
    echo "$searchName is not found in the array.";
}
// 4.8.2 : Display the array in sorted order
echo "<br><hr><b>Array in sorted order:</b><br><hr>";
sort($names);
foreach ($names as $name) {
    echo $name . "<br>";
}
echo "<br>";
// 4.8.3 : Display the array without duplicate elements
echo "<hr><b>Array without duplicate elements:</b><br><hr>";
$uniqueNames = array_unique($names);
foreach ($uniqueNames as $name) {
    echo $name . "<br>";
}
echo "<br>";
// 4.8.4 : Remove the last element and display
echo "<hr><b>Array after removing the last element:</b><br><hr>";
array_pop($names);
foreach ($names as $name) {
    echo $name . "<br>";
}
echo "<br>";
// 4.8.5 : Display the array in reverse order
echo "<hr><b>Array in reverse order:</b><br><hr>";
$reversedNames = array_reverse($names);
foreach ($reversedNames as $name) {
    echo $name . "<br>";
}
echo "<br>";
}

?>

</body>
</html>

```

OUTPUT :

The screenshot shows a web browser window titled "Array Operations". The address bar indicates the page is "Not secure" and shows the URL "phplab/P4_8.php". Below the address bar, there are several tabs: "Ultimatix - Digitally...", "tcs Xplore", and "Tata Consultancy Se...".

Contents of the array using each statement:

```
Majo  
Anshad  
Nihal  
Hari  
Majo
```

Enter name to search:

Anshad is found in the array.

Array in sorted order:

```
Anshad  
Hari  
Majo  
Majo  
Nihal
```

Array without duplicate elements:

```
Anshad  
Hari  
Majo  
Nihal
```

Array after removing the last element:

```
Anshad  
Hari  
Majo  
Majo
```

Array in reverse order:

```
Majo  
Majo  
Hari  
Anshad
```

Write the PHP script to send an email.

CODE :

<!--Write the PHP script to send an email.

In order to send follow below steps:

1) Go to "Manage Your google account ->Security->Less secure app access" and Enable it.

2)Install phpMailer :

C:\wamp64\www\phplab> composer require phpmailer/phpmailer -->

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Email Sender</title>
</head>
<body>

<h2>Email Sender</h2>

<form method="post">
    <label for="email">Your Email Address:</label><br>
    <input type="email" id="email" name="email" required><br>
    <label for="password">Your Email Password:</label><br>
    <input type="password" id="password" name="password" required><br>
    <label for="to">Recipient's Email Address:</label><br>
    <input type="email" id="to" name="to" required><br>
    <label for="subject">Subject:</label><br>
    <input type="text" id="subject" name="subject" required><br>
    <label for="body">Message Body:</label><br>
    <textarea id="body" name="body" rows="4" required></textarea><br>
    <button type="submit">Send Email</button>
</form>
```

```
<?php

use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;
if($_SERVER["REQUEST_METHOD"] == "POST") {
    // Get input values from the form
    $email = $_POST["email"];
    $password = $_POST["password"];
    $to = $_POST["to"];
    $subject = $_POST["subject"];
    $body = $_POST["body"];

    // Include PHPMailer autoloader
    require 'vendor/autoload.php';

    // Create a new PHPMailer instance
    $mail = new PHPMailer();
    // SMTP configuration for Gmail
    $mail->isSMTP();
    $mail->Host = 'smtp.gmail.com';
    $mail->SMTPAuth = true;
    $mail->Username = $email; // Sender's email address
    $mail->Password = $password; // Sender's email password
    $mail->SMTPSecure = 'tls'; // Enable TLS encryption
    $mail->Port = 587; // TCP port to connect to
    // Sender and recipient
    $mail->setFrom($email);
    $mail->addAddress($to);

    // Email subject and body
    $mail->Subject = $subject;
    $mail->Body = $body;

    // Send email
    if($mail->send()) {
        echo 'Email sent successfully!';
    } else {
        echo 'Failed to send email. Error: ' . $mail->ErrorInfo;
    }
}
?>
</body>
</html>
```

OUTPUT :

Email Sender

Your Email Address:
mca2336@rajagiri.edu

Your Email Password:
.....

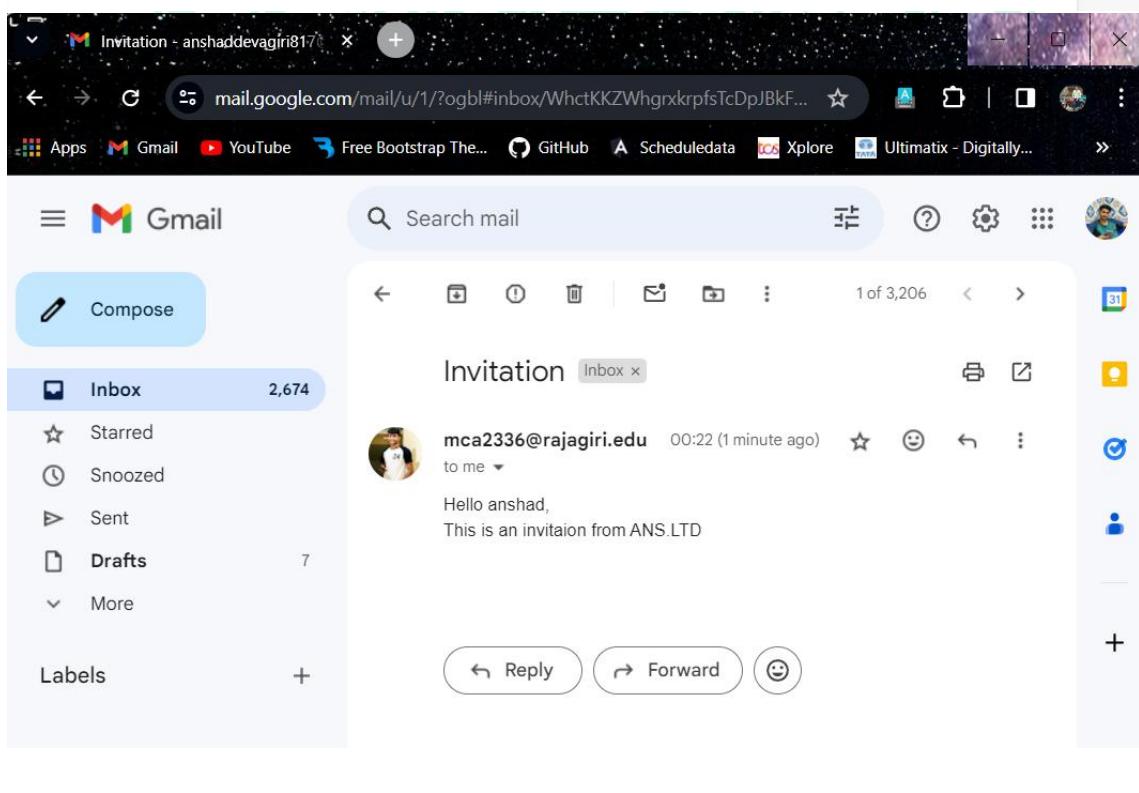
Recipient's Email Address:
anshaddevagiri817@gmail.com

Subject:
Invitation

Message Body:
Hello anshad,
This is an invitaiion
from ANS.LTD

Send Email

Email sent successfully!



Program 4.10

Date: 10/03/2024

Write a PHP program to implement MySQL databases with CRUD operations.

CODE :

```
<?php
// Database configuration
$servername = "localhost";
$username = "root";
$password = "";
$database = "mydb";

// Create connection
$conn = new mysqli($servername, $username, $password, $database);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Create table
$sql_create_table = "CREATE TABLE IF NOT EXISTS users (
    id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
    firstname VARCHAR(30) NOT NULL,
    lastname VARCHAR(30) NOT NULL,
    email VARCHAR(50),
    reg_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON
    UPDATE CURRENT_TIMESTAMP
)";

if ($conn->query($sql_create_table) === TRUE) {
    echo "Table 'users' created successfully.<br>";
} else {
    echo "Error creating table: " . $conn->error . "<br>";
}

// Insert data
if (isset($_POST['submit'])) {
```

```

$firstname = $_POST['firstname'];
$lastname = $_POST['lastname'];
$email = $_POST['email'];

$sql_insert = "INSERT INTO users (firstname, lastname, email)
VALUES ('$firstname', '$lastname', '$email')";

if ($conn->query($sql_insert) === TRUE) {
    echo "New record created successfully.<br>";
} else {
    echo "Error: " . $sql_insert . "<br>" . $conn->error;
}
}

// Read data
$sql_read = "SELECT id, firstname, lastname, email FROM users";
$result = $conn->query($sql_read);

if ($result->num_rows > 0) {
    echo "<h2>Users:</h2>";
    echo "<table border='1'>";
    echo "    <tr><th>ID</th><th>First
Name</th><th>Last
Name</th><th>Email</th></tr>";
    while ($row = $result->fetch_assoc()) {
        echo "    <tr><td>" . $row["id"] . "</td><td>" . $row["firstname"] .
"</td><td>" . $row["lastname"] . "</td><td>" . $row["email"] . "</td></tr>";
    }
    echo "</table>";
} else {
    echo "0 results";
}

// Update data
if (isset($_POST['update'])) {
    $id = $_POST['id'];
    $firstname = $_POST['firstname'];
    $lastname = $_POST['lastname'];
    $email = $_POST['email'];

    $sql_update = "UPDATE users SET firstname='$firstname',
lastname='$lastname', email='$email' WHERE id=$id";

    if ($conn->query($sql_update) === TRUE) {

```

```

        echo "Record updated successfully.<br>";
    } else {
        echo "Error updating record: " . $conn->error;
    }
}

// Delete data
if (isset($_POST['delete'])) {
    $id = $_POST['id'];

    $sql_delete = "DELETE FROM users WHERE id=$id";

    if ($conn->query($sql_delete) === TRUE) {
        echo "Record deleted successfully.<br>";
    } else {
        echo "Error deleting record: " . $conn->error;
    }
}

$conn->close();
?>

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CRUD Operations</title>
</head>

<body>
    <h2>Add New User</h2>
    <form method="post" action="">
        First Name: <input type="text" name="firstname"><br>
        Last Name: <input type="text" name="lastname"><br>
        Email: <input type="email" name="email"><br>
        <input type="submit" name="submit" value="Add User">
    </form>

    <h2>Update User</h2>

```

```
<form method="post" action="">
    ID: <input type="number" name="id"><br>
    First Name: <input type="text" name="firstname"><br>
    Last Name: <input type="text" name="lastname"><br>
    Email: <input type="email" name="email"><br>
    <input type="submit" name="update" value="Update User">
</form>

<h2>Delete User</h2>
<form method="post" action="">
    ID: <input type="number" name="id"><br>
    <input type="submit" name="delete" value="Delete User">
</form>
</body>

</html>
```



OUTPUT :

The screenshot shows a web browser window with the title "CRUD Operations". The address bar indicates the page is "localhost / MySQL / n" and the URL is "phplab/P4_10.php". The browser interface includes standard navigation buttons (back, forward, search, etc.) and a toolbar on the right.

The main content area displays the following messages:

- Table 'users' created successfully.
- New record created successfully.

Users:

ID	First Name	Last Name	Email
1	Muhammad	Anshad P A	marshu817@gmail.com
2	Nihal	Muhammad	niga123@gmail.com

Add New User

Form fields for adding a new user:

- First Name:
- Last Name:
- Email:

Update User

Form fields for updating an existing user (ID 1):

- ID:
- First Name:
- Last Name:
- Email:

Delete User

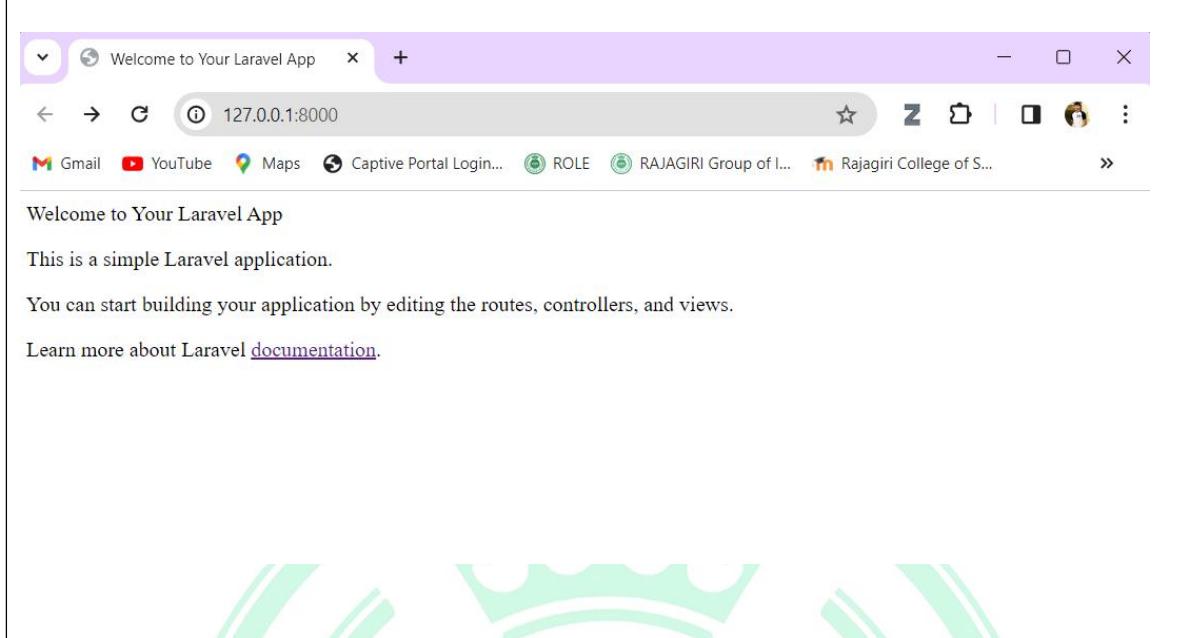
Form field for deleting a user (ID 2):

- ID:

Program to illustrate the workings of a simple Laravel web application.**welcome.blade.php :**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Welcome to Your Laravel App</title>
    <link href="{{ asset('css/app.css') }}" rel="stylesheet">
</head>
<body>
    <div class="container">
        <div class="row justify-content-center">
            <div class="col-md-8 mt-5">
                <div class="card">
                    <div class="card-header">Welcome to Your
Laravel App</div>
                    <div class="card-body">
                        <p>This is a simple Laravel application.</p>
                        <p>You can start building your application by
editing the routes, controllers, and views.</p>
                        <p>Learn more about Laravel <a
href="https://laravel.com/docs">documentation</a>.</p>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

OUTPUT :



Program to demonstrate the implementation of the Bootstrap framework in Laravel.

welcome.blade.php :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link
        href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
        rel="stylesheet"
        integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW
        +ALEwIH" crossorigin="anonymous">
        <script
            src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.j
            s"
            integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N
            6jIeHz" crossorigin="anonymous"></script>
    </head>
    <body>
        <form>
            <div class="mb-3">
                <label for="exampleInputEmail1" class="form-label">Email
                    address</label>
                <input type="email" class="form-control" id="exampleInputEmail1" aria-
                    describedby="emailHelp">
                <div id="emailHelp" class="form-text">We'll never share your email with
                    anyone else.</div>
            </div>
            <div class="mb-3">
                <label for="exampleInputPassword1" class="form-
                    label">Password</label>
                <input type="password" class="form-control">
            </div>
        </form>
    </body>
</html>
```

```
id="exampleInputPassword1">
</div>
<div class="mb-3 form-check">
  <input type="checkbox" class="form-check-input" id="exampleCheck1">
    <label class="form-check-label" for="exampleCheck1">Check me
out</label>
</div>
<button type="submit" class="btn btn-primary">Submit</button>
</form>
</body>
</html>
```



OUTPUT :

The screenshot shows a web browser window with a purple header bar. The address bar displays '127.0.0.1:8000'. Below the address bar, there are several icons for various services: Gmail, YouTube, Maps, Captive Portal Login..., ROLE, and RAJAGIRI Group of I... A 'Document' tab is open. The main content area contains a login form:

Email address
mca2336@rajagiri.edu

We'll never share your email with anyone else.

Password
.....

Check me out

Submit



Program 5.3

Date: 12/03/2024

Program to illustrate the creation of a Laravel web application with all form validations.

web.php :

```
<?php

use Illuminate\Support\Facades\Route;
use App\Http\Controllers\RegistrationController;

Route::get('/', function () {
    return view('registration');
});

Route::get('/register', [RegistrationController::class,
'showRegistrationForm']);
Route::post('/register', [RegistrationController::class, 'processRegistration']);
```

RegistrationController.php :

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Models\User; // Assuming the User model exists

class RegistrationController extends Controller
{
    public function showRegistrationForm()
    {
        return view('registration');
    }
}
```

```

public function processRegistration(Request $request)
{
    $validatedData = $request->validate([
        'name' => 'required|string|max:255',
        'email' => 'required|email|unique:users,email',
        'password' => 'required|string|min:8|confirmed',
    ]);

    // Create a new user record
    $user = new User();
    $user->name = $request->name;
    $user->email = $request->email;
    $user->password = bcrypt($request->password); // Hash the password
    $user->save();

    // Redirect the user to a success page or perform any other action
    return redirect()->route('registration.success');
}

```

registration.blade.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Registration Form</title>
    <link
        href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
        rel="stylesheet"
        integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">
        <script
            src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
            integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous"></script>
</head>

```

```

<body>
    <h1>Registration Form</h1>
    <form method="POST" action="/register">
        @csrf
        <div class="mb-3">
            <label for="name" class="form-label">Name:</label>
            <input type="text" id="name" name="name"
value="{{ old('name') }}"
            @error('name')
                <div>{{ $message }}</div>
            @enderror
        </div>
        <div class="mb-3">
            <label for="email">Email:</label>
            <input type="email" class="form-label" id="email"
name="email" value="{{ old('email') }}"
            @error('email')
                <div>{{ $message }}</div>
            @enderror
        </div>
        <div class="mb-3">
            <label for="password">Password:</label>
            <input type="password" class="form-label" id="password"
name="password">
            @error('password')
                <div>{{ $message }}</div>
            @enderror
        </div>
        <div class="mb-3">
            <label for="password_confirmation">Confirm
Password:</label>
            <input type="password" class="form-label"
id="password_confirmation" name="password_confirmation">
        </div>
        <button type="submit" class="btn btn-primary">Register</button>
    </form>
</body>
</html>

```

OUTPUT :

Registration Form

Name:

The name field is required.

Email:

Password:

The password field must be at least 8 characters.

Confirm Password:

Register

Program 5.4

Date: 12/03/2024

Create a Login page using the Laravel framework.

create_users_table.php :

```
<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('users', function (Blueprint $table) {
            $table->id();
            $table->string('name');
            $table->string('email')->unique();
            $table->timestamp('email_verified_at')->nullable();
            $table->string('password');
            $table->rememberToken();
            $table->timestamps();
        });
    }
    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('users');
    }
};
```

SampleController.php :

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use Hash;
use Session;
use App\Models\User;
use Illuminate\Support\Facades\Auth;
class SampleController extends Controller
{
    function index()
    {
        return view('login');
    }
    function registration()
    {
        return view('registration');
    }
    function validate_registration(Request $request)
    {
        $request->validate([
            'name' => 'required',
            'email' => 'required|email|unique:users',
            'password' => 'required|min:6'
        ]);
        $data = $request->all();
        User::create([
            'name' => $data['name'],
            'email' => $data['email'],
            'password' => Hash::make($data['password'])
        ]);
        return redirect('login')->with('success', 'Registration Completed, now you can login');
    }
    function validate_login(Request $request)
    {
        $request->validate([
            'email' => 'required',
            'password' => 'required'
        ]);
        $credentials = $request->only('email', 'password');
```

```

if(Auth::attempt($credentials))
{
return redirect('dashboard');
}
return redirect('login')->with('success', 'Login details are not valid');
}
function dashboard()
{
if(Auth::check())
{
return view('dashboard');
}
return redirect('login')->with('success', 'you are not allowed to access');
}
function logout()
{
Session::flush();
Auth::logout();
return Redirect('login');
}
}

```

main.blade.php

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Custom Login Registration</title>
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body>
<nav class="navbar navbar-light navbar-expand-lg mb-5" style="background-color:
#e3f2fd;">
<div class="container">
<a class="navbar-brand mr-auto" href="#">Custom Login Registration</a>
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-
bs

```

```

target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle
navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
<ul class="navbar-nav">
@guest
<li class="nav-item">
<a class="nav-link" href="{{ route('login') }}>Login</a>
</li>
<li class="nav-item">
<a class="nav-link" href="{{ route('registration') }}>Register</a>
</li>
@else
<li class="nav-item">
<a class="nav-link" href="{{ route('logout') }}>Logout</a>
</li>
@endguest
</ul>
</div>
</div>
</nav>
<div class="container mt-5">
@yield('content')
</div>
</body>
</html>

```

registration.blade.php :

```

@extends('main')
@section('content')
<div class="row justify-content-center">
<div class="col-md-4">
<div class="card">
<div class="card-header">Registration</div>
<div class="card-body">
<form action="{{ route('sample.validate_registration') }}" method="POST">
@csrf
<div class="form-group mb-3">
<input type="text" name="name" class="form-control" placeholder="Name"

```

```

    />
    @if($errors->has('name'))
    <span class="text-danger">{{ $errors->first('name') }}</span>
    @endif
    </div>
    <div class="form-group mb-3">
    <input type="text" name="email" class="form-control" placeholder="Email
    Address" />
    @if($errors->has('email'))
    <span class="text-danger">{{ $errors->first('email') }}</span>
    @endif
    </div>
    <div class="form-group mb-3">
    <input type="password" name="password" class="form-control"
    placeholder="Password" />
    @if($errors->has('password'))
    <span class="text-danger">{{ $errors->first('password') }}</span>
    @endif
    </div>
    <div class="d-grid mx-auto">
    <button type="submit" class="btn btn-dark btn-block">Register</button>
    </div>
    </form>
    </div>
    </div>
    </div>
    @endsection('content')

```

login.blade.php

```

    @extends('main')
    @section('content')
    @if($message = Session::get('success'))
    <div class="alert alert-info">
    {{ $message }}
    </div>
    @endif
    <div class="row justify-content-center">
    <div class="col-md-4">
    <div class="card">
    <div class="card-header">Login</div>
    <div class="card-body">

```

```

<form action="{{ route('sample.validate_login') }}" method="post">
@csrf
<div class="form-group mb-3">
<input type="text" name="email" class="form-control" placeholder="Email" />
@if($errors->has('email'))
<span class="text-danger">{{ $errors->first('email') }}</span>
@endif
</div>
<div class="form-group mb-3">
<input type="password" name="password" class="form-control" placeholder="Password" />
@if($errors->has('password'))
<span class="text-danger">{{ $errors->first('password') }}</span>
@endif
</div>
<div class="d-grid mx-auto">
<button type="submit" class="btn btn-dark btn-block">Login</button>
</div>
</form>
</div>
</div>
</div>
</div>
@endsection('content')

```

dashboard.blade.php :

```

@extends('main')
@section('content')
<div class="card">
<div class="card-header">Dashboard</div>
<div class="card-body">
You are logged in to Laravel 10 Custom Login Registration Application.
</div>
</div>
@endsection('content')

```

web.php

```
@extends('main')
@section('content')
<div class="card">
<div class="card-header">Dashboard</div>
<div class="card-body">
You are logged in to Laravel 10 Custom Login Registration Application.
</div>
</div>
@endsection('content')
```



OUTPUT :

Custom Login Registration Login Register

Registration

Custom Login Registration Login Register

Registration Completed, now you can login

Login

Custom Login Registration Logout

Dashboard

You are logged in to Laravel 10 Custom Login Registration Application.

Program to implement session handling using the Laravel framework.**registration.blade.php :**

```
<!-- registration.blade.php -->
@extends('master')
@section('content')
<div class="container mt-3">
<div class="row">
<div class="col-xl-6 col-lg-6 col-md-6 col-sm-12 col-12 m-auto">
<form method="post" action=" {{ url('user-store') }} ">
<div class="card shadow mb-4">
<div class="card-header bg-success pt-2">
<div class="card-title font-weight-bold text-white text-center">User
Registration </div>
</div>
<div class="card-body">
@if(Session::has('success'))
<div class="alert alert-success">
{{ Session::get('success') }}
@endif
Session::forget('success');
@endphp
</div>
<div class="form-group">
<label for="first_name"> First Name </label>
<input type="text" name="first_name" id="first_name" class="form
control" placeholder="Enter First Name" value="{{ old('first_name') }}"/>
{!! $errors->first('first_name', '<small class="text
danger">:message</small>') !!}
</div>
<div class="form-group">
<label for="last_name"> Last Name </label>
<input type="text" name="last_name" id="last_name" class="form-control"
placeholder="Enter Last Name" value="{{ old('last_name') }}"/>
{!! $errors->first('last_name', '<small class="text-danger">:message

```

```

        </small>') !!}
    </div>
    <div class="form-group">
        <label for="email"> E-mail </label>
        <input type="text" name="email" id="email" class="form-control"
placeholder="Enter E-mail" value="{{ old('email') }}"/>
        {!! $errors->first('email', '<small class="text-danger">:message</small>')
!!}
    </div>
    <div class="form-group">
        <label for="password"> Password </label>
        <input type="password" name="password" id="password" class="form-
control" placeholder="Enter Password" value="{{ old('password') }}"/>
        {!! $errors->first('password', '<small class="text-
danger">:message</small>') !!}
    </div>
    <div class="form-group">
        <label for="confirm_password"> Confirm Password </label>
        <input type="password" name="confirm_password"
id="confirm_password" class="form-control" placeholder="Confirm
Password" value="{{ old('confirm_password') }}"/>
        {!! $errors->first('confirm_password', '<small class="text-
danger">:message</small>') !!}
    </div>
    <div class="form-group">
        <label for="phone"> Phone </label>
        <input type="phone" name="phone" id="phone" class="form-control"
placeholder="Enter Phone" value="{{ old('phone') }}"/>
        {!! $errors->first('phone', '<small class="text-danger">:message</small>')
!!}
    </div>
</div>
<div class="card-footer d-inline-block">
    <button type="submit" class="btn btn-success"> Register </button>
    <p class="float-right mt-2"> Already have an account? <a href="{{ url('user
login') }}" class="text-success"> Login </a> </p>
</div>
@csrf
</div>
</form>
</div>
</div>

```

```
</div>
@endsection
```

login.blade.php :

```
<!-- login.blade.php -->
@extends('master')
@section('content')
<div class="container mt-3">
<div class="row">
<div class="col-xl-6 col-lg-6 col-md-6 col-sm-12 col-12 m-auto">
<form method="post" action="{{ url('login') }}">
<div class="card shadow">
<div class="card-header bg-success pt-2">
<div class="card-title font-weight-bold text-white text-center"> User Login
</div>
</div>
<div class="card-body">
@if(Session::has('success'))
<div class="alert alert-success">
{{ Session::get('success') }}
@endif
<div class="form-group">
<label for="email"> E-mail </label>
<input type="text" name="email" id="email" class="form-control" placeholder="Enter E-mail" value="{{ old('email') }}"/>
{!! $errors->first('email', '<small class="text-danger">:message</small>') !!}
</div>
<div class="form-group">
<label for="password"> Password </label>
<input type="password" name="password" id="password" class="form-control" placeholder="Enter Password" value="{{ old('password') }}"/>
{!! $errors->first('password', '<small class="text-danger">:message</small>') !!}
</div>
</div>
<div class="card-footer d-inline-block">
<button type="submit" class="btn btn-success"> Login </button>
```

```

<p class="float-right mt-2"> Don't have an account? <a href="{{ url('user
registration') }}" class="text-success"> Register </a> </p>
</div>
@csrf
</div>
</form>
</div>
</div>
</div>
@endsection

```

dashboard.blade.php :

```

@extends('master')
@section('content')
<nav class="navbar navbar-expand-lg navbar-dark bg-primary">
<a class="navbar-brand" href="#">User Registration and Login</a>
<button class="navbar-toggler" type="button" data-toggle="collapse" data
target="#navbarColor01" aria-controls="navbarColor01" aria-
expanded="false" aria
label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarColor01">
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link text-white"> Welcome: {{ ucfirst(Auth()->user()->first_name) }}</a>
</li>
<li class="nav-item">
<a class="nav-link" href="{{ url('logout') }}> Logout </a>
</li>
</ul>
</div>
</nav>
@endsection

```

web.php :

```

<?php
use Illuminate\Support\Facades\Route;
Route::get('/', function () {

```

```
return view('welcome');  
});  
Route::get('user-registration', 'App\Http\Controllers\UserController@index');  
Route::post('user-store',  
'App\Http\Controllers\UserController@userPostRegistration');  
Route::get('user-login',  
'App\Http\Controllers\UserController@userLoginIndex');  
Route::post('login', 'App\Http\Controllers\UserController@userPostLogin');  
Route::get('dashboard', 'App\Http\Controllers\UserController@dashboard');  
Route::get('logout', 'App\Http\Controllers\UserController@logout');  
});
```



OUTPUT :

The screenshot shows a user login interface. At the top, there is a green header bar with the text "User Login". Below it, there are two input fields: "E-mail" containing "mca2254@rajagiri.edu" and "Password" containing "*****". At the bottom of the form are two buttons: "Login" and "Don't have an account? [Register](#)".

User Registration and Login

Welcome: Sweaba [Logout](#)

The screenshot shows a user login interface. At the top, there is a green header bar with the text "User Login". Below it, there are two input fields: "E-mail" containing "Enter E-mail" and "Password" containing "Enter Password". A green message bar at the top states "Opps! You do not have access". At the bottom of the form are two buttons: "Login" and "Don't have an account? [Register](#)".

Program 5.6

Date: 16/03/2024

Write a program to execute database CRUD operations in the Laravel framework.

create_products_table.php:

```
<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('products', function (Blueprint $table) {
            $table->id();
            $table->string('name');
            $table->text('detail');
            $table->timestamps();
        });
    }
    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('products');
    }
};
```

Product.php :

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
class Product extends Model
{
```

```
use HasFactory;
protected $fillable=['name','detail'];
}
```

ProductController.php :

```
<?php
namespace App\Http\Controllers;
use App\Models\Product;
use Illuminate\Http\RedirectResponse;
use Illuminate\Http\Request;
use Illuminate\Http\Response;
use Illuminate\View\View;
class ProductController extends Controller
{
/**
 * Display a listing of the resource.
 */
public function index(): View
{
$products = Product::latest()->paginate(5);
return view('products.index',compact('products'))
->with('i', (request()->input('page', 1) - 1) * 5);
}
/**
 * Show the form for creating a new resource.
 */
public function create(): View
{
return view('products.create');
}
/**
 * Store a newly created resource in storage.
 */
public function store(Request $request): RedirectResponse
{
$request->validate([
'name' => 'required',
'detail' => 'required',
]);
Product::create($request->all());
return redirect()->route('products.index')
```

```

->with('success','Product created successfully.');
}
/***
 * Display the specified resource.
 */
public function show(Product $product): View
{
return view('products.show',compact('product'));
}
/***
 * Show the form for editing the specified resource.
 */
public function edit(Product $product): View
{
return view('products.edit',compact('product'));
}
/***
 * Update the specified resource in storage.
 */
public function update(Request $request, Product $product): RedirectResponse
{
$request->validate([
'name' => 'required',
'detail' => 'required',
]);
$product->update($request->all());
return redirect()->route('products.index')
->with('success','Product updated successfully');
}
/***
 * Remove the specified resource from storage.
 */
public function destroy(Product $product): RedirectResponse
{
$product->delete();
return redirect()->route('products.index')
->with('success','Product deleted successfully');
}
}

```

layout.blade.php :

```
<!DOCTYPE html>
<html>
<head>
<title>Laravel 10 CRUD Application</title>
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body>
<div class="container">
@yield('content')
</div>
</body>
</html>
```

index.blade.php :

```
@extends('products.layout')
@section('content')
<div class="row">
<div class="col-lg-12 margin-tb">
<div class="pull-left">
<h2>Laravel 10 CRUD </h2>
</div>
<div class="pull-right">
<a class="btn btn-success" href="{{ route('products.create') }}> Create New
Product</a>
</div>
</div>
</div>
@if ($message = Session::get('success'))
<div class="alert alert-success">
<p>{{ $message }}</p>
</div>
@endif
<table class="table table-bordered">
<tr>
<th>No</th>
<th>Name</th>
<th>Details</th>
<th width="280px">Action</th>
```

```

</tr>
@foreach ($products as $product)
<tr>
<td>{{ ++$i }}</td>
<td>{{ $product->name }}</td>
<td>{{ $product->detail }}</td>
<td>
<form action="{{ route('products.destroy', $product->id) }}" method="POST">
<a class="btn btn-info" href="{{ route('products.show', $product->id) }}>Show</a>
<a class="btn btn-primary" href="{{ route('products.edit', $product->id) }}>Edit</a>
@csrf
@method('DELETE')
<button type="submit" class="btn btn-danger">Delete</button>
</form>
</td>
</tr>
@endforeach
</table>
{!! $products->links() !!}
@endsection

```

create.blade.php :

```

@extends('products.layout')
@section('content')


## Add New Product



@if \(\$errors->any\(\)\)


Whoops! There were some problems with your input.<br><br>


```

```

<ul>
@foreach ($errors->all() as $error)
<li>{{ $error }}</li>
@endforeach
</ul>
</div>
@endif
<form action="{{ route('products.store') }}" method="POST">
@csrf
<div class="row">
<div class="col-xs-12 col-sm-12 col-md-12">
<div class="form-group">
<strong>Name:</strong>
<input type="text" name="name" class="form-control"
placeholder="Name">
</div>
</div>
<div class="col-xs-12 col-sm-12 col-md-12">
<div class="form-group">
<strong>Detail:</strong>
<textarea class="form-control" style="height:150px" name="detail"
placeholder="Detail"></textarea>
</div>
</div>
<div class="col-xs-12 col-sm-12 col-md-12 text-center">
<button type="submit" class="btn btn-primary">Submit</button>
</div>
</div>
</form>
@endsection

```

edit.blade.php :

```

@extends('products.layout')
@section('content')
<div class="row">
<div class="col-lg-12 margin-tb">
<div class="pull-left">
<h2>Edit Product</h2>
</div>
<div class="pull-right">
<a class="btn btn-primary" href="{{ route('products.index') }}> Back</a>

```

```

</div>
</div>
</div>
@if ($errors->any())
<div class="alert alert-danger">
<strong>Whoops!</strong> There were some problems with your
input.<br><br>
<ul>
@foreach ($errors->all() as $error)
<li>{{ $error }}</li>
@endforeach
</ul>
</div>
@endif
<form action="{{ route('products.update',$product->id) }}"
method="POST">
@csrf
@method('PUT')
<div class="row">
<div class="col-xs-12 col-sm-12 col-md-12">
<div class="form-group">
<strong>Name:</strong>
<input type="text" name="name" value="{{ $product->name }}"
class="form-control" placeholder="Name">
</div>
</div>
<div class="col-xs-12 col-sm-12 col-md-12">
<div class="form-group">
<strong>Detail:</strong>
<textarea class="form-control" style="height:150px" name="detail"
placeholder="Detail">{{ $product->detail }}

```

show.blade.php :

```
@extends('products.layout')
@section('content')


## Show Product



Back



Name:
{{ $product->name }}



Details:
{{ $product->detail }}


@endsection


```

web.php :

```
<?php
use Illuminate\Support\Facades\Route;
use App\Http\Controllers\ProductController;
Route::get('/', function () {
return view('welcome');
});
Route::resource('products', ProductController::class);
```

OUTPUT :

Add New Product

[Back](#)

Name:

Jeans

Detail:

Clothing

[Submit](#)

Laravel 10 CRUD

[Create New Product](#)

Product created successfully.

No	Name	Details	Action
1	Jeans	Clothing	Show Edit Delete
2	Watch	Accessories	Show Edit Delete
3	Smart Phone	Electronics	Show Edit Delete

Show Product

[Back](#)

Name: Jeans

Details: Clothing

Edit Product

[Back](#)

Name:

T-Shirts&Jeans

Detail:

Clothing

[Submit](#)

Create a simple Laravel Web Application, including:**5.7.1.** A registration form with all form validations.**5.7.2.** Perform CRUD operations using migrations.**register.blade.php :**

```
@extends('layouts.app')
@section('content')
<main class="sm:container sm:mx-auto sm:max-w-lg sm:mt-10">
<div class="flex">
<div class="w-full">
<section class="flex flex-col break-words bg-white sm:border-1 sm:rounded-md
sm:shadow-sm sm:shadow-lg">
<header class="font-semibold bg-gray-200 text-gray-700 py-5 px-6 sm:py-6
sm:px-8 sm:rounded-t-md">
{{__('Register')}}
</header>
<form class="w-full px-6 space-y-6 sm:px-10 sm:space-y-8"
method="POST"
action="{{ route('register') }}">
@csrf
<div class="flex flex-wrap">
<label for="name" class="block text-gray-700 text-sm font-bold mb-2
sm:mb-4">
{{__('Name')}}:
</label>
<input id="name" type="text" class="form-input w-full
@error('name') border-red-500 @enderror"
name="name" value="{{ old('name') }}" required autocomplete="name"
autofocus>
@error('name')
<p class="text-red-500 text-xs italic mt-4">
{{ $message }}
</p>
@enderror
</div>
```

```
<div class="flex flex-wrap">
<label for="email" class="block text-gray-700 text-sm font-bold mb-2
sm:mb-
4">
{{__('E-Mail Address')} }:
</label>
<input id="email" type="email"
class="form-input w-full @error('email') border-red-500 @enderror"
name="email"
value="{{ old('email') }}" required autocomplete="email">
@error('email')
<p class="text-red-500 text-xs italic mt-4">
{{ $message }}</p>
@enderror
</div>
<div class="flex flex-wrap">
<label for="password" class="block text-gray-700 text-sm font-bold mb-2
sm:mb-4">
{{__('Password')} }:
</label>
<input id="password" type="password"
class="form-input w-full @error('password') border-red-500 @enderror"
name="password"
required autocomplete="new-password">
@error('password')
<p class="text-red-500 text-xs italic mt-4">
{{ $message }}</p>
@enderror
</div>
<div class="flex flex-wrap">
<label for="password-confirm" class="block text-gray-700 text-sm font-bold
mb-2 sm:mb-4">
{{__('Confirm Password')} }:
</label>
<input id="password-confirm" type="password" class="form-input w-full"
name="password_confirmation" required autocomplete="new-password">
</div>
<div class="flex flex-wrap">
<button type="submit"
class="w-full select-none font-bold whitespace-no-wrap p-3 rounded-lg
text-base leading-normal no-underline text-gray-100 bg-blue-500 hover:bg-
```

```

blue-700 sm:py-4">
{{__('Register')}}</button>
<p class="w-full text-xs text-center text-gray-700 my-6 sm:text-sm sm:my-8">
{{__('Already have an account?')}}<a class="text-blue-500 hover:text-blue-700 no-underline hover:underline" href="{{ route('login') }}">
{{__('Login')}}</a>
</p>
</div>
</form>
</section>
</div>
</div>
</main>
@endsection

```

login.blade.php :

```

@extends('layouts.app')
@section('content')
<main class="sm:container sm:mx-auto sm:max-w-lg sm:mt-10">
<div class="flex">
<div class="w-full">
<section class="flex flex-col break-words bg-white sm:border-1 sm:rounded-md sm:shadow-sm sm:shadow-lg">
<header class="font-semibold bg-gray-200 text-gray-700 py-5 px-6 sm:py-6 sm:px-8 sm:rounded-t-md">
{{__('Login')}}</header>
<form class="w-full px-6 space-y-6 sm:px-10 sm:space-y-8" method="POST" action="{{ route('login') }}>
@csrf
<div class="flex flex-wrap">
<label for="email" class="block text-gray-700 text-sm font-bold mb-2 sm:mb-4">

```

```

{{__('E-Mail Address')}}:
</label>
<input id="email" type="email"
class="form-input w-full @error('email') border-red-500 @enderror"
name="email"
value="{{ old('email') }}" required autocomplete="email" autofocus>
@error('email')
<p class="text-red-500 text-xs italic mt-4">
{{ $message }}
</p>
@endif
</div>
<div class="flex flex-wrap">
<label for="password" class="block text-gray-700 text-sm font-bold mb-2
sm:mb-4">
{{__('Password')}}:
</label>
<input id="password" type="password"
class="form-input w-full @error('password') border-red-500 @enderror"
name="password"
required>
@error('password')
<p class="text-red-500 text-xs italic mt-4">
{{ $message }}
</p>
@endif
</div>
<div class="flex items-center">
<label class="inline-flex items-center text-sm text-gray-700"
for="remember">
<input type="checkbox" name="remember" id="remember" class="form
checkbox">
{{ old('remember') ? 'checked' : '' }}>
<span class="ml-2">{{__('Remember Me')}}

```

```

<div class="flex flex-wrap">
<button type="submit"
class="w-full select-none font-bold whitespace-no-wrap p-3 rounded-lg text
base leading-normal no-underline text-gray-100 bg-blue-500 hover:bg-blue-
700 sm:py-4">
{{__('Login') }}
</button>
@if (Route::has('register'))
<p class="w-full text-xs text-center text-gray-700 my-6 sm:text-sm sm:my-
8">
{{__("Don't have an account?") }}
<a class="text-blue-500 hover:text-blue-700 no-underline hover:underline"
href="{{ route('register') }}">
{{__('Register') }}
</a>
</p>
@endif
</div>
</form>
</section>
</div>
</div>
</main>
@endsection

```

create_posts_table.php :

```

<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
class Posts extends Migration
{
/**
 * Run the migrations.
 *
 */
* @return void
*/
public function up()
{
Schema::create('posts', function (Blueprint $table){
$table->increments('id');

```

```


|                                                             |
|-------------------------------------------------------------|
| \$table->string('slug');                                    |
| \$table->string('title');                                   |
| \$table->longText('description');                           |
| \$table->string('image_path');                              |
| \$table->timestamps();                                      |
| \$table->unsignedBigInteger('user_id');                     |
| \$table->foreign('user_id')->references('id')->on('users'); |
| });                                                         |
| }                                                           |
| public function down()                                      |
| {                                                           |
| }                                                           |
| }                                                           |


```

Post.php :

```


|                                                                                   |
|-----------------------------------------------------------------------------------|
| <?php                                                                             |
| namespace App\Models;                                                             |
| use Illuminate\Database\Eloquent\Factories\HasFactory;                            |
| use Illuminate\Database\Eloquent\Model;                                           |
| use Cviebrock\EloquentSluggable\Sluggable;                                        |
| class Post extends Model                                                          |
| {                                                                                 |
| use HasFactory;                                                                   |
| use Sluggable;                                                                    |
| protected \$fillable = ['title', 'slug', 'description', 'image_path', 'user_id']; |
| public function user()                                                            |
| {                                                                                 |
| return \$this->belongsTo(User::class);                                            |
| }                                                                                 |
| public function sluggable(): array                                                |
| {                                                                                 |
| return [                                                                          |
| 'slug' => [                                                                       |
| 'source' => 'title'                                                               |
| ]                                                                                 |
| ];                                                                                |
| }                                                                                 |
| }                                                                                 |


```

PostsController.php :

```

<?php
namespace App\Http\Controllers;
Department of Computer Science, Rajagiri College of Social Sciences
(Autonomous) Page | 124use Illuminate\Http\Request;
use App\Models\Post;
use Cviebrock\EloquentSluggable\Services\SlugService;
class PostsController extends Controller
{
public function __construct()
{
$this->middleware('auth', ['except' => ['index', 'show']]);
}
/**
* Display a listing of the resource.
*
* @return \Illuminate\Http\Response
*/
public function index()
{
return view('blog.index')
->with('posts', Post::orderBy('updated_at', 'DESC')->get());
}
/**
* Show the form for creating a new resource.
*
* @return \Illuminate\Http\Response
*/
public function create()
{
return view('blog.create');
}
/**
* Store a newly created resource in storage.
*
* @param \Illuminate\Http\Request $request
* @return \Illuminate\Http\Response
*/
public function store(Request $request)
{
$request->validate([
'title' => 'required',
'description' => 'required',
'image' => 'required|mimes:jpg,png,jpeg|max:5048'
]

```

```

    ]);
    $newImageName = uniqid() . '-' . $request->title . '.' . $request->image-
>extension();
$request->image->move(public_path('images'), $newImageName);
Post::create([
    'title' => $request->input('title'),
    'description' => $request->input('description'),
    'slug' => SlugService::createSlug(Post::class, 'slug', $request->title),
    'image_path' => $newImageName,
    'user_id' => auth()->user()->id
]);
return redirect('/blog')
->with('message', 'Your post has been added!');
}
/**
 * Display the specified resource.
 *
 * @param string $slug
 * @return \Illuminate\Http\Response
 */
public function show($slug)
{
    return view('blog.show')
->with('post', Post::where('slug', $slug)->first());
}
/**
 * Show the form for editing the specified resource.
 *
 * @param string $slug
 * @return \Illuminate\Http\Response
 */
public function edit($slug)
{
    return view('blog.edit')
->with('post', Post::where('slug', $slug)->first());
}
/**
 * Update the specified resource in storage.
 *
 * @param \Illuminate\Http\Request $request
 * @param string $slug
 * @return \Illuminate\Http\Response
 */

```

```

public function update(Request $request, $slug)
{
    $request->validate([
        'title' => 'required',
        'description' => 'required',
    ]);
    Post::where('slug', $slug)
        ->update([
            'title' => $request->input('title'),
            'description' => $request->input('description'),
            'slug' => SlugService::createSlug(Post::class, 'slug', $request->title),
            'user_id' => auth()->user()->id
        ]);
    return redirect('/blog')
        ->with('message', 'Your post has been updated!');
}
/** 
 * Remove the specified resource from storage.
 */
* @param int $id
* @return \Illuminate\Http\Response
*/
public function destroy($slug)
{
    $post = Post::where('slug', $slug);
    $post->delete();
    return redirect('/blog')
        ->with('message', 'Your post has been deleted!');
}
}

```

create.blade.php:

```

@extends('layouts.app')
@section('content')


# Create Post


```

```
@if ($errors->any())
<div class="w-4/5 m-auto">
<ul>
@foreach ($errors->all() as $error)
<li class="w-1/5 mb-4 text-gray-50 bg-red-700 rounded-2xl py-4">
{{ $error }}
</li>
@endforeach
</ul>
</div>
@endif
<div class="w-4/5 m-auto pt-20">
<form
action="/blog"
method="POST"
enctype="multipart/form-data">
@csrf
<input
type="text"
name="title"
placeholder="Title..."
class="bg-transparent block border-b-2 w-full h-20 text-6xl outline-none">
<textarea
name="description"
placeholder="Description..."
class="py-20 bg-transparent block border-b-2 w-full h-60 text-xl outline
none"></textarea>
<div class="bg-grey-lighter pt-15">
<label class="w-44 flex flex-col items-center px-2 py-3 bg-white-rounded-lg
shadow
lg tracking-wide uppercase border border-blue cursor-pointer">
<span class="mt-2 text-base leading-normal">
Select a file
</span>
<input
type="file"
name="image"
class="hidden">
</label>
</div>
<button
type="submit"
class="uppercase mt-15 bg-blue-500 text-gray-100 text-lg font-extrabold py-
```

```

4 px-8
rounded-3xl">
Submit Post
</button>
</form>
</div>
@endsection

```

index.blade.php :

```

@extends('layouts.app')
@section('content')


# Blog Posts


@if (session()->has('message'))


{{ session()->get('message') }}


@endif
@if (Auth::check())


Add post


@endif
@foreach ($posts as $post)


 }})


```

```

</div>
<div>
<h2 class="text-gray-700 font-bold text-5xl pb-4">
{{ $post->title }}
</h2>
<span class="text-gray-500">
By <span class="font-bold italic text-gray-800">{{ $post->user-
>name }}</span>,
Created on {{ date('jS M Y', strtotime($post->updated_at)) }}<br>
</span>
<p class="text-xl text-gray-700 pt-8 pb-10 leading-8 font-light">
{{ $post->description }}<br>
</p>
<a href="/blog/{{ $post->slug }}" class="uppercase bg-blue-500 text-gray-
100 text-lg
font-extrabold py-4 px-8 rounded-3xl">
View Full Post
</a>
@if (isset(Auth::user()->id) && Auth::user()->id == $post->user_id)
<span class="float-right">
<br>
<a
href="/blog/{{ $post->slug }}/edit"
class=" uppercase bg-green-500 text-gray-100 text-lg font-extrabold py-3 px-
8
rounded-3xl" style="margin-left: 10px;">
Edit
</a>
</span>
<span class="float-right">
<form
action="/blog/{{ $post->slug }}"
method="POST">
@csrf
@method('delete')
<button
class="uppercase bg-red-500 text-gray-100 font-extrabold py-4 px-8
rounded-3xl"
type="submit">
Delete
</button>
</form>
</span>

```

```
@endif  
</div>  
</div>  
@endforeach  
@endsection
```

edit.blade.php :

```
@extends('layouts.app')  
@section('content')  
<div class="w-4/5 m-auto text-left">  
<div class="py-15">  
<h1 class="text-6xl">  
Update Post  
</h1>  
</div>  
</div>  
@if ($errors->any())  
<div class="w-4/5 m-auto">  
<ul>  
@foreach ($errors->all() as $error)  
<li class="w-1/5 mb-4 text-gray-50 bg-red-700 rounded-2xl py-4">  
{{ $error }}  
</li>  
@endforeach  
</ul>  
</div>  
@endif  
<div class="w-4/5 m-auto pt-20">  
<form  
action="/blog/{{ $post->slug }}"  
method="POST"  
enctype="multipart/form-data">  
@csrf  
@method('PUT')  
<input  
type="text"  
name="title"  
value="{{ $post->title }}"  
class="bg-transparent block border-b-2 w-full h-20 text-6xl outline-none">  
<textarea  
name="description"
```

```

placeholder="Description...""
class="py-20 bg-transparent block border-b-2 w-full h-60 text-xl outline-
none">>{{ $post->description }}</textarea>
<button
type="submit"
class="uppercase mt-15 bg-blue-500 text-gray-100 text-lg font-extrabold py-
4 px-8
rounded-3xl">
Submit Post
</button>
</form>
</div>
@endsection

```

show.blade.php :

```

@extends('layouts.app')
@section('content')
<div class="w-4/5 m-auto text-left">
<div class="py-15">
<h1 class="text-6xl">
{{ $post->title }}</h1>
</div>
</div>
<div class="w-4/5 m-auto pt-20">
<span class="text-gray-500">
By <span class="font-bold italic text-gray-800">{{ $post->user-
>name }}</span>,
Created on {{ date('jS M Y', strtotime($post->updated_at)) }}</span>
<p class="text-xl text-gray-700 pt-8 pb-10 leading-8 font-light">
{{ $post->description }}</p>
</div>
@endsection

```

OUTPUT:

Create Post

Demo

demo post

SELECT A FILE

SUBMIT POST

Blog Posts

Your post has been added!

ADD POST



Demo

By *Sweaba*, Created on 8th Apr 2023

demo post

VIEW FULL POST

DELETE

EDIT

Laravel

Home Blog Sweaba Logout

Update Post

Demo Post

demo blog post

SUBMIT POST

Blog Posts

Your post has been updated!

[ADD POST](#)



Demo Post
By [Sweaba](#), Created on 8th Apr 2023
demo blog post

[VIEW FULL POST](#) [DELETE](#) [EDIT](#)

Laravel

Home Blog Sweaba Logout

Blog Posts

Your post has been deleted!

[ADD POST](#)



Create a Web Application for Blog Creation with a Login and Registration**form and perform the following operations on blogs using the Laravel framework.**

- 5.8.1. CREATE Blogs.**
- 5.8.2. VIEW Blogs in a Table.**
- 5.8.3. EDIT and UPDATE Blogs.**
- 5.8.4. DELETE Blogs.**

create_posts_table.php :

```
<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
class Posts extends Migration
{
/**
 * Run the migrations.
 *
 * @return void
 */
public function up()
{
Schema::create('posts', function (Blueprint $table){
$table->increments('id');
$table->string('slug');
$table->string('title');
$table->longText('description');
$table->string('image_path');
$table->timestamps();
$table->unsignedBigInteger('user_id');
$table->foreign('user_id')->references('id')->on('users');
});
}
/**
 * Reverse the migrations.

```

```
*/
public function down()
{
}
}
```

Posts.php :

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Cviebrock\EloquentSluggable\Sluggable;
class Post extends Model
{
use HasFactory;
use Sluggable;
protected $fillable = ['title', 'slug', 'description', 'image_path', 'user_id'];
public function user()
{
return $this->belongsTo(User::class);
}
public function sluggable(): array
{
return [
'slug' => [
'source' => 'title'
]
];
}
}
```

PostsController.php :

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Post;
use Cviebrock\EloquentSluggable\Services\SlugService;
class PostsController extends Controller
{
```

```

public function __construct()
{
    $this->middleware('auth', ['except' => ['index', 'show']]);
}
/** 
 * Display a listing of the resource.
 *
 * @return \Illuminate\Http\Response
 */
public function index()
{
    return view('blog.index')
        ->with('posts', Post::orderBy('updated_at', 'DESC')->get());
}
/** 
 * Show the form for creating a new resource.
 *
 * @return \Illuminate\Http\Response
 */
public function create()
{
    return view('blog.create');
}
/** 
 * Store a newly created resource in storage.
 *
 * @param \Illuminate\Http\Request $request
 * @return \Illuminate\Http\Response
 */
public function store(Request $request)
{
    $request->validate([
        'title' => 'required',
        'description' => 'required',
        'image' => 'required|mimes:jpg,png,jpeg|max:5048'
    ]);
    $newImageName = uniqid() . '-' . $request->title . '.' . $request->image->extension();
    $request->image->move(public_path('images'), $newImageName);
    Post::create([
        'title' => $request->input('title'),
        'description' => $request->input('description'),
        'slug' => SlugService::createSlug(Post::class, 'slug', $request->title),
    ]);
}

```

```
'image_path' => $newImageName,
'user_id' => auth()->user()->id
]);
return redirect('/blog')
->with('message', 'Your post has been added!');
}
/**/
* Display the specified resource.
*
* @param string $slug
* @return \Illuminate\Http\Response
*/
public function show($slug)
{
return view('blog.show')
->with('post', Post::where('slug', $slug)->first());
}
/**/
* Show the form for editing the specified resource.
*
* @param string $slug
* @return \Illuminate\Http\Response
*/
public function edit($slug)
{
return view('blog.edit')
->with('post', Post::where('slug', $slug)->first());
}
/**/
* Update the specified resource in storage.
*
* @param \Illuminate\Http\Request $request
* @param string $slug
* @return \Illuminate\Http\Response
*/
public function update(Request $request, $slug)
{
$request->validate([
'title' => 'required',
'description' => 'required',
]);
Post::where('slug', $slug)
->update([

```

```

'title' => $request->input('title'),
'description' => $request->input('description'),
'slug' => SlugService::createSlug(Post::class, 'slug', $request->title),
'user_id' => auth()->user()->id
]);
return redirect('/blog')
->with('message', 'Your post has been updated!');
}
/**
 * Remove the specified resource from storage.
 *
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function destroy($slug)
{
$post = Post::where('slug', $slug);
$post->delete();
return redirect('/blog')
->with('message', 'Your post has been deleted!');
}
}

```

create.blade.php :

```

@extends('layouts.app')
@section('content')


# Create Post


@if ($errors->any())


@foreach ($errors->all() as $error)
- {{ $error }}

@endforeach


```

```
</ul>
</div>
@endif
<div class="w-4/5 m-auto pt-20">
<form
action="/blog"
method="POST"
enctype="multipart/form-data">
@csrf
<input
type="text"
name="title"
placeholder="Title..."
class="bg-transparent block border-b-2 w-full h-20 text-6xl outline-none">
<textarea
name="description"
placeholder="Description..."
class="py-20 bg-transparent block border-b-2 w-full h-60 text-xl outline
none"></textarea>
<div class="bg-grey-lighter pt-15">
<label class="w-44 flex flex-col items-center px-2 py-3 bg-white-rounded-lg
shadow
lg tracking-wide uppercase border border-blue cursor-pointer">
<span class="mt-2 text-base leading-normal">
Select a file
</span>
<input
type="file"
name="image"
class="hidden">
</label>
</div>
<button
type="submit"
class="uppercase mt-15 bg-blue-500 text-gray-100 text-lg font-extrabold py-
4 px-8
rounded-3xl">
Submit Post
</button>
</form>
</div>
@endsection
```

index.blade.php :

```
@extends('layouts.app')
@section('content')
<div class="w-4/5 m-auto text-center">
<div class="py-15 border-b border-gray-200">
<h1 class="text-6xl">
Blog Posts
</h1>
</div>
</div>
@if (session()->has('message'))
<div class="w-4/5 m-auto mt-10 pl-2">
<p class="w-2/6 mb-4 text-gray-50 bg-green-500 rounded-2xl py-4">
{{ session()->get('message') }}
</p>
</div>
@endif
@if (Auth::check())
<div class="pt-15 w-4/5 m-auto">
<a
href="/blog/create"
class="bg-blue-500 uppercase bg-transparent text-gray-100 text-xs font-extrabold py-3 px-5 rounded-3xl">
Create post
</a>
</div>
@endif
@foreach ($posts as $post)
<div class="sm:grid grid-cols-2 gap-20 w-4/5 mx-auto py-15 border-b border-gray-200">
<div>

</div>
<div>
<h2 class="text-gray-700 font-bold text-5xl pb-4">
{{ $post->title }}
</h2>
<span class="text-gray-500">
By <span class="font-bold italic text-gray-800">{{ $post->user->name }}</span>,

```

```

Created on {{ date('jS M Y', strtotime($post->updated_at)) }}
</span>
<p class="text-xl text-gray-700 pt-8 pb-10 leading-8 font-light">
{{ $post->description }}
</p>
<a href="/blog/{{ $post->slug }}" class="uppercase bg-blue-500 text-gray-100 text-lg
font-extrabold py-4 px-8 rounded-3xl">
Keep Reading
</a>
@if (isset(Auth::user()->id) && Auth::user()->id == $post->user_id)
<span class="float-right">
<a
href="/blog/{{ $post->slug }}/edit"
class="text-gray-700 italic hover:text-gray-900 pb-1 border-b-2">
Edit
</a>
</span>
<span class="float-right">
<form
action="/blog/{{ $post->slug }}"
method="POST">
@csrf
@method('delete')
<button
class="text-red-500 pr-3"
type="submit">
Delete
</button>
</form>
</span>
@endif
</div>
</div>
@endforeach
@endsection

```

edit.blade.php :

```

@extends('layouts.app')
@section('content')
<div class="w-4/5 m-auto text-left">
```

```
<div class="py-15">
<h1 class="text-6xl">
Update Post
</h1>
</div>
</div>
@if ($errors->any())
<div class="w-4/5 m-auto">
<ul>
@foreach ($errors->all() as $error)
<li class="w-1/5 mb-4 text-gray-50 bg-red-700 rounded-2xl py-4">
{{ $error }}
</li>
@endforeach
</ul>
</div>
@endif
<div class="w-4/5 m-auto pt-20">
<form
action="/blog/{{ $post->slug }}"
method="POST"
enctype="multipart/form-data">
@csrf
@method('PUT')
<input
type="text"
name="title"
value="{{ $post->title }}"
class="bg-transparent block border-b-2 w-full h-20 text-6xl outline-none">
<textarea
name="description"
placeholder="Description..."
class="py-20 bg-transparent block border-b-2 w-full h-60 text-xl outline-
none">{{ $post->description }}</textarea>
<button
type="submit"
class="uppercase mt-15 bg-blue-500 text-gray-100 text-lg font-extrabold py-
4 px-8
rounded-3xl">
Submit Post
</button>
</form>
```

```
</div>
@endsection
```

show.blade.php :

```
@extends('layouts.app')
@section('content')
<div class="w-4/5 m-auto text-left">
<div class="py-15">
<h1 class="text-6xl">
{{ $post->title }}
</h1>
</div>
</div>
<div class="w-4/5 m-auto pt-20">
<span class="text-gray-500">
By <span class="font-bold italic text-gray-800">{{ $post->user->name }}</span>,
Created on {{ date('jS M Y', strtotime($post->updated_at)) }}
</span>
<p class="text-xl text-gray-700 pt-8 pb-10 leading-8 font-light">
{{ $post->description }}
</p>
</div>
@endsection
```

OUTPUT :

Laravel

Home Blog Login Register

Register

Name:
Sweaba

E-Mail Address:
mca2254@rajagiri.edu

Password:

Confirm Password:

Register

Already have an account? [Login](#)

Laravel

Home Blog Login Register

Register

Name:
Sweaba

E-Mail Address:
mca2254@rajagiri.edu

Password:

Confirm Password:

Register

Already have an account? [Login](#)

Laravel

Home Blog Sweaba Logout

Create Post

First

[MyFirstBlogPost](#)

[SELECT A FILE](#)

[SUBMIT POST](#)

Blog Posts

Your post has been added!

[CREATE POST](#)



First

By [Sweaba](#), Created on 8th Apr 2023

MyFirstBlogPost

[KEEP READING](#)

[Delete](#) [Edit](#)

Laravel

Home Blog Sweaba Logout

Update Post

First

My First Blog Post

[SUBMIT POST](#)

Program 5.9

Date: 17/03/2024

Create a simple LARAVEL web application displaying the CAE2 Marks of MSc

CS students, including:

- 5.9.1. Student Login and Teacher login**
- 5.9.2. Teachers can Add, View, Update, and Delete Students and Marks.**
- 5.9.3. Students can VIEW their marks.**

Web.php :

```
Route::get('/', function () {
    return view('welcome');
});

Route::get('/dashboard', function () {
    return view('dashboard');
})->middleware(['auth', 'verified'])->name('dashboard');

Route::middleware('auth')->group(function () {
    Route::get('/profile', [ProfileController::class, 'edit'])->name('profile.edit');
    Route::patch('/profile', [ProfileController::class, 'update'])->name('profile.update');
    Route::delete('/profile', [ProfileController::class, 'destroy'])->name('profile.destroy');
});

Route::get('admin-home',[StudentController::class,'index'])->name('admin-home');

Route::get('create-student',function(){
    return view('admin.create-student');
})->name('create-student');

Route::post('add-students',[StudentController::class,'store'])->name('add-students');

Route::get('view-student/{id}',[StudentController::class,'show']);
Route::get('view-edit-student/{id}',[StudentController::class,'edit']);
Route::post('update',[StudentController::class,'update'])->name('update');

Route::get('delete-student/{id}',[StudentController::class,'destroy']);

Route::get('marks',[MarksController::class,'index'])->name('marks');

Route::get('view-marks/{id}',[MarksController::class,'show']);

Route::post('add-marks',[MarksController::class,'store'])->name('add-marks');

Route::get('delete-marks/{id}',[MarksController::class,'destroy']);

Route::get('view-edit-marks/{id}',[MarksController::class,'edit']);
```

```
Route::post('update-marks',[MarksController::class,'update']);
```

MarksController.php :

```
<?php
namespace App\Http\Controllers;
use App\Models\student;
use App\Models\marks;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\DB;
class MarksController extends Controller
{
/**
 * Display a listing of the resource.
 */
public function index()
{
$studentdata=student::get();
$data=DB::table('students')
->join('marks','students.student_id','=','marks.student_id')
->select('students.*','marks.*')
->get();
// dd($data);
return view('admin.admin-marks',compact('studentdata','data'));
}
public function store(Request $request)
{
// dd($request->all());
$request->validate([
'student_id' => 'required',
'dv' => 'required',
'bda' => 'required',
'dip' => 'required',
'bmaar' => 'required',
'wtl' => 'required',
'python' => 'required',
]);
$mark = new marks();
$mark->student_id = $request->student_id;
$mark->dv = $request->dv;
$mark->bda = $request->bda;
$mark->dip = $request->dip;
```

```

$mark->bmaar = $request->bmaar;
$mark->wtl = $request->wtl;
$mark->python = $request->python;
if ($mark->save()) {
    return redirect()
        ->back()
        ->with('success', 'Data has been added successfully!');
} else {
    return redirect()
        ->back()
        ->withInput()
        ->with('error', 'There was a failure while adding ');
}
}
}
/***
 * Display the specified resource.
 */
public function show(string $id)
{
    $studentdata=student::get();
    $data=DB::table('students')
        ->join('marks','students.student_id','=','marks.student_id')
        ->select('students.*','marks.*')
        ->where('marks.marks_id','=',$id)
        ->first();
    // dd($data);
    return view('admin.admin-view-marks',compact('data'));
}
/***
 * Show the form for editing the specified resource.
 */
public function edit(string $id)
{
    $data=marks::where('marks_id','=',$id)->first();
    return view('admin.admin-edit-marks',compact('data'));
}
/***
 * Update the specified resource in storage.
 */
public function update(Request $request)
{
    dd($request->all());
    $request->validate([

```

```

'student_id' => 'required',
'dv' => 'required',
'bda' => 'required',
'dip' => 'required',
'bmaar' => 'required',
'wtl' => 'required',
'python' => 'required',
]);
if (marks::where('marks_id', '=', $request->marks_id)->Update([
'dv' => $request->dv,
'bda' => $request->bda,
'dip' => $request->dip,
'bmaar' => $request->bmaar,
'wtl' => $request->wtl,
'python' => $request->python,
])) {
    return redirect()
        ->back()
        ->with('success', 'Data has been added successfully!');
} else {
    return redirect()
        ->back()
        ->withInput()
        ->with('error', 'There was a failure while adding ');
}
}
}
/**
 * Remove the specified resource from storage.
 */
public function destroy(string $id)
{
    DB::delete('delete from marks where marks_id=?',[$id]);
    return back();
}
}

```

StudentController.php :

```

<?php
namespace App\Http\Controllers;
use App\Models\student;
use App\Models\marks;

```

```

use Illuminate\Support\Facades\DB;
use Illuminate\Http\Request;
class StudentController extends Controller
{
/**
 * Display a listing of the resource.
 */
public function index()
{
$data = student::get();
return view('admin.admin-home', compact('data'));
}
/**
 * Show the form for creating a new resource.
 */
public function create()
{
//
}
/**
 * Store a newly created resource in storage.
 */
public function store(Request $request)
{
// dd($request->all());
$request->validate([
'name' => 'required',
'email' => 'required',
'regno' => 'required',
]);
$stu = new student();
$stu->name = $request->name;
$stu->email = $request->email;
$stu->regno = $request->regno;
$data=DB::table('students')
->join('marks','students.student_id','=','marks.student_id')
->select('students.*','marks.*')
->get();
if ($stu->save()) {
return redirect()
->back()
->with('success', 'Data has been added successfully!');
} else {
}
}

```

```

return redirect()
->back()
->withInput()
->with('error', 'There was a failure while adding ');
}

}

/***
* Display the specified resource.
*/
public function show(string $id)
{
// $data=DB::table('students')
// ->join('marks','students.student_id','=','marks.student_id')
// ->select('students.*','marks.*')
// ->where('students.student_id','=',$id)
// ->first();
$data = student::where('student_id', '=', $id)->first();
// dd($data);
return view('admin.admin-view-student', compact('data'));
}
/***
* Show the form for editing the specified resource.
*/
public function edit(string $id)
{
$data = student::where('student_id', '=', $id)->first();
// dd($data);
return view('admin.admin-edit-student', compact('data'));
}
/***
* Update the specified resource in storage.
*/
public function update(Request $request)
{
//
$request->validate([
'name' => 'required',
'email' => 'required',
'regno' => 'required',
]);
if (student::where('student_id', '=', $request->student_id)->Update([
'name' => $request->name,
'email' => $request->email,
])
);
}

```

```

'regno' => $request->regno,
]) {
return redirect()
->back()
->with('success', 'Data has been added successfully!');
} else {
return redirect()
->back()
->withInput()
->with('error', 'There was a failure while adding ');
}
}
/**
* Remove the specified resource from storage.
*/
public function destroy(string $id)
{
DB::delete('delete from students where student_id=?',[ $id]);
return back();
}
}

```

Mark.php(model) :

```

<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
class marks extends Model
{
use HasFactory;
protected $fillable = [
'student_id',
'dv',
'bda',
'dip',
'bmaar',
'wtl',
'python',
];
}

```

Student.php(model) :

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
class student extends Model
{
    use HasFactory;
    protected $fillable = [
        'name',
        'email',
        'password',
        'regno',
    ];
}
```

Admin-home.blade.php:

```
@include('admin.admin-header')
<div class="main-panel">
<div class="content-wrapper">
<div class="row">
<div class="col-xl-3 col-sm-6 grid-margin stretch-card">
<div class="card">
<div class="card-body">
<div class="row">
<div class="col-9">
<div class="d-flex align-items-center align-self-start">
<h3 class="mb-0">{{ $data->count() }}
```

```

</div>
<div class="row ">
<div class="col-12 grid-margin">
<div class="card">
<div class="card-body">
<h4 class="card-title">Students</h4>
<a href="{{ route('create-student') }}" style="padding-left: 90%">Add</a>
<div class="table-responsive">
<table class="table">
<thead>
<tr>
<th># </th>
<th>Name</th>
<th>Register No</th>
{{-- <th></th> --}}
<th>View</th>
<th>Edit</th>
<th>Delete</th>
</tr>
</thead>
<tbody>
@if ($data->count()>0)
<?php
$i=1;
?>
@foreach ($data as $value)
<tr>
<td>{{ $i }}</td>
<td> {{ $value->name }} </td>
<td> {{ $value->regno }} </td>
<td><div class="badge badge-outline-success"><a href="{{ url('view student.'.$value->student_id) }}">View</a></div></td>
<td><div class="badge badge-outline-success"><a href="{{ url('view edit-student.'.$value->student_id) }}">Edit</a></div></td>
<td>
<div class="badge badge-outline-warning"><a href="{{ url('delete student.'.$value->student_id) }}">Delete</a></div>
</td>
</tr>
<?php
$i++;
?>
@endforeach

```

Create-student.blade.php :

```
@include('admin.admin-header')
<div class="main-panel">
<div class="content-wrapper">
@if ($errors->any())
<div class="col-sm-12">
<div class="alert alert-warning alert-dismissible fade show" role="alert">
@foreach ($errors->all() as $error)
<span>
<p>{{ $error }}</p>
</span>
@endforeach
<button type="button" class="close" data-dismiss="alert" aria
label="Close">
<span aria-hidden="true"><!--</span>
</button>
</div>
</div>
@endif
@if (session('success'))
<div class="col-sm-12">
<div class="alert alert-success alert-dismissible fade show" role="alert">
{{ session('success') }}
<button type="button" class="close" data-dismiss="alert" aria
label="Close">
<span aria-hidden="true"><!--</span>
```

```

</button>
</div>
</div>
@endif
@if (session('error'))
<div class="col-sm-12">
<div class="alert alert-danger alert-dismissible fade show" role="alert">
{{ session('error') }}
<button type="button" class="close" data-dismiss="alert" aria
label="Close">
<span aria-hidden="true">x</span>
</button>
</div>
</div>
@endif
<div class="col-12 grid-margin stretch-card">
<div class="card">
<div class="card-body">
<h4 class="card-title">Add Studnets</h4>
<form class="forms-sample" method="POST" action="{{ route('add
students') }}">
@csrf
<div class="form-group">
<label for="exampleInputName1">Name</label>
<input type="text" class="form-control" id="exampleInputName1"
name="name"
placeholder="Name">
</div>
<div class="form-group">
<label for="exampleInputName1">Email</label>
<input type="email" class="form-control"
id="exampleInputName1" name="email"
placeholder="Email">
</div>
<div class="form-group">
<label for="exampleInputName1">Register No</label>
<input type="number" class="form-control"
id="exampleInputName1" name="regno"
placeholder="Register No">
</div>
<button type="submit" class="btn btn-primary mr-
2">Submit</button>
<button class="btn btn-dark">Cancel</button>

```

```
</form>
</div>
</div>
</div>
@include('admin.admin-footer')
```



OUTPUT :

The screenshots illustrate a web-based application for managing student data and entering marks.

- Screenshot 1: Students List**

A list of students with one entry:

#	Name	Register No	View	Edit	Delete
1	AJAYKRISHNAN G	2217002	View	Edit	Delete
- Screenshot 2: Add Student Form**

A form for adding new student information:

Name	<input type="text"/>
Email	<input type="text"/>
Register No	<input type="text"/>
Submit Cancel	
- Screenshot 3: Marks Entry Form**

A form for entering marks for different subjects:

Marks	Student	<input type="button" value="Select Student"/>
Data Visualization	Select Mark	<input type="button" value="Select Mark"/>
Big Data Analytics	Select Mark	<input type="button" value="Select Mark"/>
Digital Image Processing	Select Mark	<input type="button" value="Select Mark"/>
Business Modelling & Applied Analytics Using R	Select Mark	<input type="button" value="Select Mark"/>
- Screenshot 4: Marks List**

A list of marks with one entry:

#	Name	View	Edit	Delete
1	AJAYKRISHNAN G	View	Edit	Delete

Program 5.10

Date: 19/03/2024

Create a simple Laravel web application for students, including:

- 5.10.1. Student Registration Form
- 5.10.2. Form Validations.
- 5.10.3. Login for students with session handling.
- 5.10.4. Minimum of two web pages with a standard layout

create users table.php :

```
<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('users', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('first_name');
            $table->string('last_name');
            $table->string('name');
            $table->string('email')->unique();
            $table->timestamp('email_verified_at')->nullable();
            $table->string('password');
            $table->bigInteger('phone');
            $table->rememberToken();
            $table->timestamps();
        });
    }
    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('users');
```

```
}
```

```
};
```

User.php :

```
<?php  
namespace App\Models;  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Foundation\Auth\User as Authenticatable;  
use Illuminate\Notifications\Notifiable;  
use Laravel\Sanctum\HasApiTokens;  
class User extends Authenticatable  
{  
    use HasApiTokens, HasFactory, Notifiable;  
    /**  
     * The attributes that are mass assignable.  
     *  
     * @var array<int, string>  
     */  
    protected $fillable = [  
        'first_name', 'last_name', 'email', 'password', 'phone'  
    ];  
    /**  
     * The attributes that should be hidden for serialization.  
     *  
     * @var array<int, string>  
     */  
    protected $hidden = [  
        'password',  
        'remember_token',  
    ];  
    /**  
     * The attributes that should be cast.  
     *  
     * @var array<string, string>  
     */  
    protected $casts = [  
        'email_verified_at' => 'datetime',  
    ];  
}
```

UserController.php :

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Validator;
use Illuminate\Support\Facades\Redirect;
use App\Models\User;
use Illuminate\Support\Facades\Hash;
use Illuminate\Support\Facades\Auth;
use Illuminate\Support\Facades\Session;
class UserController extends Controller {
// ----- [ user registration view ] -----
public function index() {
return view('registration');
}
// ----- [ Register user ] -----
public function userPostRegistration(Request $request) {
// validate form fields
$request->validate([
'first_name' => 'required',
'last_name' => 'required',
'email' => 'required|email',
'password' => 'required|min:6',
'confirm_password' => 'required|same:password',
'phone' => 'required|max:10'
]);
$input = $request->all();
// if validation success then create an input array
$inputArray = array(
'first_name' => $request->first_name,
'last_name' => $request->last_name,
'full_name' => $request->first_name . " ". $request->last_name,
'email' => $request->email,
'password' => Hash::make($request->password),
'phone' => $request->phone
);
// register user
$user = User::create($inputArray);
// if registration success then return with success message
if(!is_null($user)) {
return back()->with('success', 'You have registered successfully.');
}
```

```

// else return with error message
else {
    return back()->with('error', 'Whoops! some error encountered. Please try
again.');
}
}
}

// ----- [ User login view ] -----
public function userLoginIndex() {
    return view('login');
}

// ----- [ User login ] -----
public function userPostLogin(Request $request) {
    $request->validate([
        "email" => "required|email",
        "password" => "required|min:6"
    ]);
    $userCredentials = $request->only('email', 'password');
    // check user using auth function
    if (Auth::attempt($userCredentials)) {
        return redirect()->intended('dashboard');
    }
    else {
        return back()->with('error', 'Whoops! invalid username or password.');
    }
}

// ----- [ User Dashboard Section ] -----
public function dashboard() {
    // check if user logged in
    if(Auth::check()) {
        return view('dashboard');
    }
    return redirect::to("user-login")->withSuccess('Opps! You do not have
access');
}

// ----- [ User logout function ] -----
public function logout(Request $request ) {
    $request->session()->flush();
    Auth::logout();
    return Redirect('user-login');
}
}

```

master.blade.php :

```
<!-- master.blade.php -->
<!doctype html>
<html lang="en">
<head>
<title> Student Registration and Login with Session </title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZW1T"
crossorigin="anonymous">
</head>
<body>
@yield('content')
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@1.14.7/dist/umd/popper.min.js"
></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
</body>
</html>
```

registration.blade.php :

```
<!-- registration.blade.php -->
@extends('master')
@section('content')


<form method="post" action=" {{ url('user-store') }} ">
<div class="card shadow mb-4">
<div class="card-header bg-success pt-2">
<div class="card-title font-weight-bold text-white text-center"> Student
Registration


```

```

</div>
</div>
<div class="card-body">
@if(Session::has('success'))
<div class="alert alert-success">
{{ Session::get('success') }}
@php
Session::forget('success');
@endphp
</div>
@endif
<div class="form-group">
<label for="first_name"> First Name </label>
<input type="text" name="first_name" id="first_name" class="form-control" placeholder="Enter First Name" value="{{ old('first_name') }}"/>
{!! $errors->first('first_name', '<small class="text-danger">:message</small>') !!}
</div>
<div class="form-group">
<label for="last_name"> Last Name </label>
<input type="text" name="last_name" id="last_name" class="form-control" placeholder="Enter Last Name" value="{{ old('last_name') }}"/>
{!! $errors->first('last_name', '<small class="text-danger">:message</small>') !!}
</div>
<div class="form-group">
<label for="email"> E-mail </label>
<input type="text" name="email" id="email" class="form-control" placeholder="Enter E-mail" value="{{ old('email') }}"/>
{!! $errors->first('email', '<small class="text-danger">:message</small>') !!}
</div>
<div class="form-group">
<label for="password"> Password </label>
<input type="password" name="password" id="password" class="form-control" placeholder="Enter Password" value="{{ old('password') }}"/>
{!! $errors->first('password', '<small class="text-danger">:message</small>') !!}
</div>
<div class="form-group">
<label for="confirm_password"> Confirm Password </label>
<input type="password" name="confirm_password" id="confirm_password" class="form-control" placeholder="Confirm

```

```

        Password" value="{!! old('confirm_password') !!}">
        {!! $errors->first('confirm_password', '<small class="text-danger">:message</small>') !!}
    </div>
    <div class="form-group">
        <label for="phone"> Phone </label>
        <input type="phone" name="phone" id="phone" class="form-control" placeholder="Enter Phone" value="{!! old('phone') !!}">
        {!! $errors->first('phone', '<small class="text-danger">:message</small>') !!}
    </div>
    </div>
    <div class="card-footer d-inline-block">
        <button type="submit" class="btn btn-success"> Register </button>
        <p class="float-right mt-2"> Already have an account? <a href="{!! url('user/login') !!}" class="text-success"> Login </a> </p>
    </div>
    @csrf
</div>
</form>
</div>
</div>
</div>
@endsection

```

Login.blade.php :

```

<!-- login.blade.php -->
@extends('master')
@section('content')
<div class="container mt-3">
<div class="row">
<div class="col-xl-6 col-lg-6 col-md-6 col-sm-12 col-12 m-auto">
<form method="post" action="{!! url('login') !!}">
<div class="card shadow">
<div class="car-header bg-success pt-2">
<div class="card-title font-weight-bold text-white text-center"> Student
Login
</div>
</div>
<div class="card-body">
@if(Session::has('success'))

```

```

<div class="alert alert-success">
{{ Session::get('success') }}>
@php
Session::forget('success');
@endphp
</div>
@endif
<div class="form-group">
<label for="email"> E-mail </label>
<input type="text" name="email" id="email" class="form-control"
placeholder="Enter E-mail" value="{{ old('email') }}"/>
{!! $errors->first('email', '<small class="text-danger">:message</small>')
!!}
</div>
<div class="form-group">
<label for="password"> Password </label>
<input type="password" name="password" id="password" class="form-control"
placeholder="Enter Password" value="{{ old('password') }}"/>
{!! $errors->first('password', '<small class="text-danger">:message</small>')
!!}
</div>
</div>
<div class="card-footer d-inline-block">
<button type="submit" class="btn btn-success"> Login </button>
<p class="float-right mt-2"> Don't have an account? <a href="{{ url('user
registration') }}" class="text-success"> Register </a> </p>
</div>
@csrf
</div>
</form>
</div>
</div>
</div>
@endsection

```

dashboard.blade.php :

```

@extends('master')
@section('content')
<nav class="navbar navbar-expand-lg navbar-dark bg-success">
<a class="navbar-brand" href="#">Student Dashboard</a>
<button class="navbar-toggler" type="button" data-toggle="collapse" data
target="#navbarColor01" aria-controls="navbarColor01" aria-

```

```

expanded="false" aria
label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarColor01">
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link text-white"> Welcome: {{ ucfirst(Auth()->user())-
>first_name }} </a>
</li>
<li class="nav-item">
<a class="nav-link" href="{{ url('logout') }}"> Logout </a>
</li>
</ul>
</div>
</nav>
@endsection

```

web.php :

```

<?php
use Illuminate\Support\Facades\Route;
Route::get('/', function () {
return view('welcome');
});
Route::get('user-registration', 'App\Http\Controllers\UserController@index');
Route::post('user-store',
'App\Http\Controllers\UserController@userPostRegistration');
Route::get('user-login',
'App\Http\Controllers\UserController@userLoginIndex');
Route::post('login', 'App\Http\Controllers\UserController@userPostLogin');
Route::get('dashboard', 'App\Http\Controllers\UserController@dashboard');
Route::get('logout', 'App\Http\Controllers\UserController@logout');
})

```

OUTPUT :

Student Registration

First Name

The first name field is required.

Last Name

The last name field is required.

E-mail

The email field is required.

Password

The password field is required.

Confirm Password

The confirm password field is required.

Phone

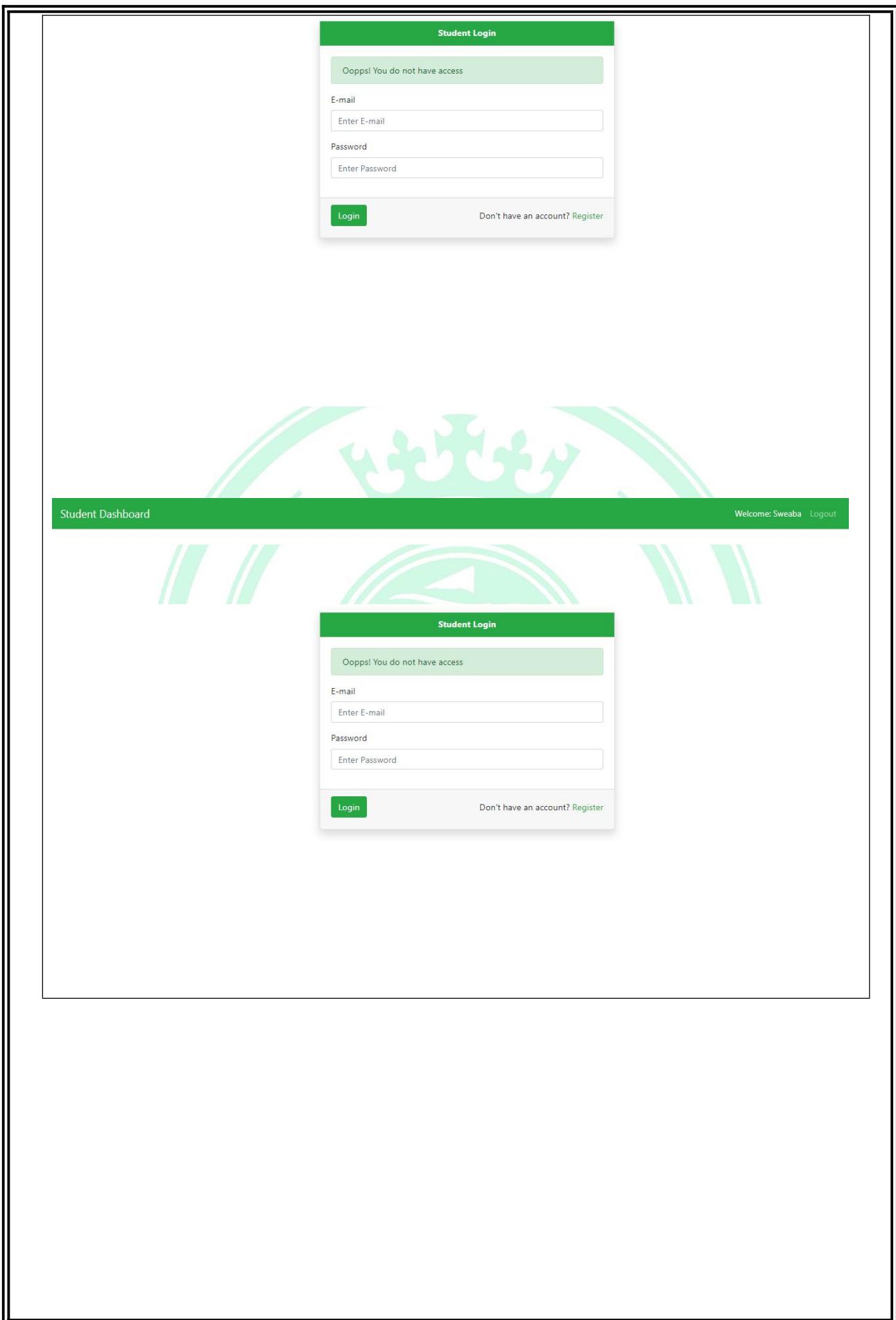
The phone field is required.

Student Login

E-mail

Password

Don't have an account? [Register](#)



CODE :**Index.html:**

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

<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0" name="viewport">

    <title>iPortfolio Bootstrap Template - Index</title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicons -->
    <link href="assets/img/favicon.png" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

    <!-- Google Fonts -->
    <link
        href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

    <!-- Vendor CSS Files -->
    <link href="assets/vendor/aos/aos.css" rel="stylesheet">
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
        rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
    <link href="assets/vendor/lightbox/css/lightbox.min.css" rel="stylesheet">
    <link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

    <!-- Template Main CSS File -->
    <link href="assets/css/style.css" rel="stylesheet">

</head>
```

```

<body>

    <!-- ===== Mobile nav toggle button ===== -->
    <i class="bi bi-list mobile-nav-toggle d-xl-none"></i>

    <!-- ===== Header ===== -->
    <header id="header">
        <div class="d-flex flex-column">

            <div class="profile">
                
                <h1 class="text-light"><a href="index.html">Muhammad Anshad P A</a></h1>
                <div class="social-links mt-3 text-center">
                    <a href="https://twitter.com/anshad_ansha1" class="twitter"><i class="bx bxl-twitter"></i></a>
                    <a href="https://www.facebook.com/Anshadansha817" class="facebook"><i class="bx bxl-facebook"></i></a>
                    <a href="https://www.instagram.com/anshad_ansha1/" class="instagram"><i class="bx bxl-instagram"></i></a>
                    <a href="https://www.linkedin.com/in/muhammad-anshad-p-a-b7a9b9214/" class="linkedin"><i class="bx bxl-linkedin"></i></a>
                </div>
            </div>

            <nav id="navbar" class="nav-menu navbar">
                <ul>
                    <li><a href="#hero" class="nav-link scrollto active"><i class="bx bx-home"></i> <span>Home</span></a></li>
                    <li><a href="#about" class="nav-link scrollto"><i class="bx bx-user"></i> <span>About</span></a></li>
                    <li><a href="#resume" class="nav-link scrollto"><i class="bx bx-file-blank"></i> <span>Resume</span></a></li>
                    <li><a href="#contact" class="nav-link scrollto"><i class="bx bx-envelope"></i> <span>Contact</span></a></li>
                </ul>
            </nav><!-- .nav-menu -->
        </div>
    </header><!-- End Header -->

    <!-- ===== Hero Section ===== -->
    <section id="hero" class="d-flex flex-column justify-content-center align-

```

```

items-center">
<div class="hero-container" data-aos="fade-in">
<h1>Muhammad Anshad P A</h1>
<p>I'm <span class="typed" data-typed-items="Developer, System
Engineer, Freelancer "></span></p>
</div>
</section><!-- End Hero -->

<main id="main">

<!-- ===== About Section ===== -->
<section id="about" class="about">
<div class="container">

<div class="section-title">
<h2>About</h2>
<p>I am a passionate web developer and a System Engineer with a
strong foundation in front-end and back-end technologies. My journey in
System Engineer started from TCS, and it has evolved into a full-fledged
career.</p>
</div>

<div class="row">
<div class="col-lg-4" data-aos="fade-right">

</div>
<div class="col-lg-8 pt-4 pt-lg-0 content" data-aos="fade-left">
<h3> Web Developer & System Engineer .</h3>
<p class="fst-italic">
As a system engineer checking the reliability and stability of
the systems, provide timely and accurate technical support, and perform routine
maintenance and updates.
</p>
<div class="row">
<div class="col-lg-6">
<ul>
<li><i class="bi bi-chevron-right"></i>
<strong>Birthday:</strong> <span>11 April 2000</span></li>
<li><i class="bi bi-chevron-right"></i>
<strong>Website:</strong> <span>www.linkedin.com/in/muhammad-anshad-p-a-b7a9b9214</span></li>
<li><i class="bi bi-chevron-right"></i>
<strong>Phone:</strong> <span>+91 8157847663</span></li>

```

```

        <li><i class="bi bi-chevron-right"></i>
<strong>City:</strong> <span>Wayanad,Kerala</span></li>
        </ul>
    </div>
    <div class="col-lg-6">
        <ul>
            <li><i class="bi bi-chevron-right"></i>
<strong>Age:</strong> <span>23</span></li>
            <li><i class="bi bi-chevron-right"></i>
<strong>Degree:</strong> <span>MCA</span></li>
            <li><i class="bi bi-chevron-right"></i>
<strong>Email:</strong> <span>marshu817@gmail.com</span></li>
            <li><i class="bi bi-chevron-right"></i>
<strong>Freelance:</strong> <span>Available</span></li>
            </ul>
        </div>
        </div>
    </div>
</section><!-- End About Section -->

<!-- ===== Skills Section ===== -->
<section id="skills" class="skills section-bg">
    <div class="container">
        <div class="section-title">
            <h2>Skills</h2>
            <p>My journey in web development began with HTML and CSS, where I mastered the art of creating visually appealing and responsive web pages. As I delved deeper into front-end development, I expanded my skill set to include JavaScript, allowing me to build interactive and dynamic user experiences.</p>
        </div>
        <div class="row skills-content">
            <div class="col-lg-6" data-aos="fade-up">
                <div class="progress">
                    <span class="skill">HTML <i class="val">100%</i></span>

```

```
<div class="progress-bar-wrap">
    <div class="progress-bar" role="progressbar" aria-
valuenow="100" aria-valuemin="0" aria-valuemax="100"></div>
</div>
</div>

<div class="progress">
    <span class="skill">CSS <i class="val">90%</i></span>
    <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="90" aria-valuemin="0" aria-valuemax="100"></div>
    </div>
</div>

<div class="progress">
    <span class="skill">JavaScript <i
class="val">75%</i></span>
    <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="75" aria-valuemin="0" aria-valuemax="100"></div>
    </div>
</div>

<div class="col-lg-6" data-aos="fade-up" data-aos-delay="100">
    <div class="progress">
        <span class="skill">PHP <i class="val">80%</i></span>
        <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="80" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>

    <div class="progress">
        <span class="skill">Microsoft Access database management
<i class="val">70%</i></span>
        <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="90" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>

```

```

<div class="progress">
    <span class="skill">Java <i class="val">80%</i></span>
    <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
value="55" aria-valuemin="0" aria-valuemax="100"></div>
    </div>
</div>

</div>

</div>
</div><!-- End Skills Section -->

<!-- ===== Resume Section ===== -->
<section id="resume" class="resume">
    <div class="container">

        <div class="section-title">
            <h2>Resume</h2>
            <p>I am a passionate web developer and a System Engineer with a
            strong foundation in front-end and back-end technologies. My journey in
            System Engineer started from TCS, and it has evolved into a full-fledged
            career.</p>
        </div>

        <div class="row">
            <div class="col-lg-6" data-aos="fade-up">
                <h3 class="resume-title">Summary</h3>
                <div class="resume-item pb-0">
                    <h4>Muhammad Anshad P A</h4>
                    <p><em>Web Developer and System Engineer with 1+ years
                    of experience System Engineering and Support services.</em></p>
                    <ul>
                        <li>Muhammad Anshad,Kerala, INDIA</li>
                        <li>(91) 8157847663</li>
                        <li>marshu817@gmail.com</li>
                    </ul>
                </div>
            </div>
        </div>

        <h3 class="resume-title">Education</h3>
    </div>

```

```
<div class="resume-item">
    <h4>Bachelor of Computer Application </h4>
    <h5>2018 - 2021</h5>
    <p><em>St. Josephs College Devagiri (Autonomous),  
Calicut, Kerala</em></p>
        <p>This program at St. Joseph's College Devagiri provided a  
holistic learning experience combining theoretical knowledge with practical  
skills, thereby preparing graduates for successful careers in the dynamic and  
competitive IT industry.</p>
    </div>
    <div class="resume-item">
        <h4>Master of Computer Application</h4>
        <h5>2023 - Present</h5>
        <p><em>Rajagiri College of Social Science, kalamassery,  
Kerala</em></p>
        <p>
            MCA at Rajagiri College helps me to attain many skills and  
learn about : Advanced Programming,Database Management,Software  
Engineering,Artificial Intelligence and Machine Learning,Soft Skills  
Development and so on.</p>
    </div>
    </div>
    <div class="col-lg-6" data-aos="fade-up" data-aos-delay="100">
        <h3 class="resume-title">Professional Experience</h3>
        <div class="resume-item">
            <h4>Python Full Stack Developer</h4>
            <h5>2021 - 2022</h5>
            <p><em>Quest Innovative solutions ,Calicut, Kerala  

</em></p>
            <ul>
                <li>Gained proficiency in frontend technologies such as  
HTML, CSS, and JavaScript, enabling you to create interactive user interfaces  
and responsive web designs.</li>
                <li>Backend development using Python, including  
frameworks such as Django and Flask, to build robust and scalable web  
applications. </li>
                <li>Acquired skills in database management using SQL  
database MySQL for storing and retrieving application data efficiently.</li>
                <li>learned how to deploy and host web applications on  
platform AWS, ensuring accessibility and reliability for end-users.</li>
            </ul>
        </div>
        <div class="resume-item">
```

<h4>Assistant System Engineer</h4>
 <h5>2022 - 2023</h5>
 <p>Tata Consultancy Services, Kochi,
 Kerala</p>

 System Maintenance and Support : Maintenance of
 servers, network devices, and storage systems, to ensure uninterrupted
 operations and minimal downtime.
 Troubleshooting and Issue Resolution : Resolve
 technical issues related to system performance, configuration, security, and
 compatibility.
 System Monitoring and Optimization.
 Backup and Disaster Recovery.
 System Documentation and Documentation
 Management.
 Compliance and Security.

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

</section><!-- End Resume Section -->

<!-- ===== Contact Section ===== -->

<section id="contact" class="contact">

<div class="container">

<div class="section-title">

<h2>Contact</h2>

</div>

<div class="row" data-aos="fade-in">

<div class="col-lg-5 d-flex align-items-stretch">

<div class="info">

<div class="address">

<i class="bi bi-geo-alt"></i>

<h4>Location:</h4>

<p>Muhammad Anshad P A, Wayand, Kerala, INDIA
 670645</p>

</div>

```

<div class="email">
    <i class="bi bi-envelope"></i>
    <h4>Email:</h4>
    <p>marshu817@gmail.com</p>
</div>

<div class="phone">
    <i class="bi bi-phone"></i>
    <h4>Call:</h4>
    <p>+91 8157847663</p>
</div>

<iframe
src="https://www.google.com/maps/embed?pb=!1m14!1m12!1m3!1d125097.3
0809964454!2d76.1551865999998!3d11.530979400000003!2m3!1f0!2f0!3f0
!3m2!1i1024!2i768!4f13.1!5e0!3m2!1sen!2sin!4v1711306461367!5m2!1sen!2
sin" frameborder="0" style="border:0; width: 100%; height: 290px;">
</div>
</div>

<div class="col-lg-7 mt-5 mt-lg-0 d-flex align-items-stretch">
    <form action="forms/contact.php" method="post" role="form"
class="php-email-form">
        <div class="row">
            <div class="form-group col-md-6">
                <label for="name">Your Name</label>
                <input type="text" name="name" class="form-control"
id="name" required>
            </div>
            <div class="form-group col-md-6">
                <label for="name">Your Email</label>
                <input type="email" class="form-control" name="email"
id="email" required>
            </div>
        </div>
        <div class="form-group">
            <label for="name">Subject</label>
            <input type="text" class="form-control" name="subject"
id="subject" required>
        </div>
    </form>
</div>

```

```

<div class="form-group">
    <label for="name">Message</label>
    <textarea class="form-control" name="message"
rows="10" required></textarea>
</div>
<div class="my-3">
    <div class="loading">Loading</div>
    <div class="error-message"></div>
    <div class="sent-message">Your message has been sent.
Thank you!</div>
</div>
<div class="text-center"><button type="submit">Send
Message</button></div>
</form>
</div>

</div>
</div>
</section><!-- End Contact Section -->
</main><!-- End #main -->

<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
<script src="assets/vendor/aos/aos.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/typed.js/typed.umd.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>

```

```
</html>
```

inner-page.html:

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

<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0" name="viewport">

    <title>Inner Page </title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicon -->
    <link href="assets/img/favicon.png" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

    <!-- Google Fonts -->
    <link
        href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

    <!-- Vendor CSS Files -->
    <link href="assets/vendor/aos/aos.css" rel="stylesheet">
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
        rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
    <link href="assets/vendor/lightbox/css/lightbox.min.css" rel="stylesheet">
```

```

<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/style.css" rel="stylesheet">

</head>

<body>

<!-- ===== Mobile nav toggle button ===== -->
<i class="bi bi-list mobile-nav-toggle d-xl-none"></i>

<!-- ===== Header ===== -->
<header id="header">
    <div class="d-flex flex-column">

        <div class="profile">
            
            <h1 class="text-light"><a href="index.html">Muhammad Anshad P A</a></h1>
            <div class="social-links mt-3 text-center">
                <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
                <a href="#" class="facebook"><i class="bx bxl-facebook"></i></a>
                <a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>
                <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>
                <a href="#" class="linkedin"><i class="bx bxl-linkedin"></i></a>
            </div>
        </div>

        <nav id="navbar" class="nav-menu navbar">
            <ul>
                <li><a href="#hero" class="nav-link scrollto active"><i class="bx bx-home"></i> <span>Home</span></a></li>
                <li><a href="#about" class="nav-link scrollto"><i class="bx bx-user"></i> <span>About</span></a></li>
                <li><a href="#resume" class="nav-link scrollto"><i class="bx bx-file-blank"></i> <span>Resume</span></a></li>
                <li><a href="#portfolio" class="nav-link scrollto"><i class="bx bx-book-content"></i> <span>Portfolio</span></a></li>
            </ul>
        </nav>
    </div>

```

```

<li><a href="#services" class="nav-link scrollto"><i class="bx bx-server"></i> <span>Services</span></a></li>
    <li><a href="#contact" class="nav-link scrollto"><i class="bx bx-envelope"></i> <span>Contact</span></a></li>
</ul>
</nav><!-- .nav-menu -->
</div>
</header><!-- End Header -->

<main id="main">

<!-- ====== Breadcrumbs ====== -->
<section class="breadcrumbs">
    <div class="container">

        <div class="d-flex justify-content-between align-items-center">
            <h2>Inner Page</h2>
            <ol>
                <li><a href="index.html">Home</a></li>
                <li>Inner Page</li>
            </ol>
        </div>
    </div>
</section><!-- End Breadcrumbs -->

<section class="inner-page">
    <div class="container">
        <p>
            Example inner page template
        </p>
    </div>
</section>

</main><!-- End #main -->

<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>

```

```

<script src="assets/vendor/aos/aos.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/typed.js/typed.umd.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>

</html>

```

portfolio-details.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <title>Portfolio Details </title>
    <meta content="" name="description">
    <meta content="" name="keywords">
    <!-- Favicons -->
    <link href="assets/img/favicon.png" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
    <!-- Google Fonts -->
    <link
        href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

    <!-- Vendor CSS Files -->
    <link href="assets/vendor/aos/aos.css" rel="stylesheet">
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
        rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
    <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">

```

```

<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/style.css" rel="stylesheet">

</head>
<body>
    <!-- ===== Mobile nav toggle button ===== -->
    <i class="bi bi-list mobile-nav-toggle d-xl-none"></i>

    <!-- ===== Header ===== -->
    <header id="header">
        <div class="d-flex flex-column">

            <div class="profile">
                
                <h1 class="text-light"><a href="index.html">Alex Smith</a></h1>
                <div class="social-links mt-3 text-center">
                    <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
                    <a href="#" class="facebook"><i class="bx bxl-facebook"></i></a>
                    <a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>
                    <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>
                    <a href="#" class="linkedin"><i class="bx bxl-linkedin"></i></a>
                </div>
            </div>

            <nav id="navbar" class="nav-menu navbar">
                <ul>
                    <li><a href="#hero" class="nav-link scrollto active"><i class="bx bx-home"></i> <span>Home</span></a></li>
                    <li><a href="#about" class="nav-link scrollto"><i class="bx bx-user"></i> <span>About</span></a></li>
                    <li><a href="#resume" class="nav-link scrollto"><i class="bx bx-file-blank"></i> <span>Resume</span></a></li>
                    <li><a href="#portfolio" class="nav-link scrollto"><i class="bx bx-book-content"></i> <span>Portfolio</span></a></li>
                    <li><a href="#services" class="nav-link scrollto"><i class="bx bx-server"></i> <span>Services</span></a></li>
                    <li><a href="#contact" class="nav-link scrollto"><i class="bx bx-contact" style="font-size: 1.5em; vertical-align: middle; margin-right: 0.1em;"></i> Contact</a></li>
                </ul>
            </nav>
        </div>
    </header>

```

```

envelope"></i> <span>Contact</span></a></li>
    </ul>
</nav><!-- .nav-menu -->
</div>
</header><!-- End Header -->

<main id="main">

    <!-- ===== Breadcrumbs ===== -->
    <section id="breadcrumbs" class="breadcrumbs">
        <div class="container">

            <div class="d-flex justify-content-between align-items-center">
                <h2>Portfoio Details</h2>
                <ol>
                    <li><a href="index.html">Home</a></li>
                    <li>Portfoio Details</li>
                </ol>
            </div>
        </div>
    </section><!-- End Breadcrumbs -->

    <!-- ===== Portfolio Details Section ===== -->
    <section id="portfolio-details" class="portfolio-details">
        <div class="container">

            <div class="row gy-4">
                <div class="col-lg-8">
                    <div class="portfolio-details-slider swiper">
                        <div class="swiper-wrapper align-items-center">

                            <div class="swiper-slide">
                                
                            </div>

                            <div class="swiper-slide">
                                
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </section>

```

```

<div class="swiper-slide">
    
    </div>
    </div>
    <div class="swiper-pagination"></div>
</div>
</div>

<div class="col-lg-4">
    <div class="portfolio-info">
        <h3>Project information</h3>
        <ul>
            <li><strong>Category</strong>: Web design</li>
            <li><strong>Client</strong>: ASU Company</li>
            <li><strong>Project date</strong>: 01 March, 2020</li>
            <li><strong>Project URL</strong>: <a href="#">www.example.com</a></li>
        </ul>
    </div>
    <div class="portfolio-description">
        <h2>This is an example of portfolio detail</h2>
        <p>
            Autem ipsum nam porro corporis rerum. Quis eos dolorem
            eos itaque inventore commodi labore quia quia. Exercitationem repudiandae
            officiis neque suscipit non officia eaque itaque enim. Voluptatem officia
            accusantium nesciunt est omnis tempora consectetur dignissimos. Sequi nulla at
            esse enim cum deserunt eius.
        </p>
    </div>
</div>

</div>
</div>
</section><!-- End Portfolio Details Section -->

</main><!-- End #main -->

<a href="#" class="back-to-top d-flex align-items-center justify-content-"

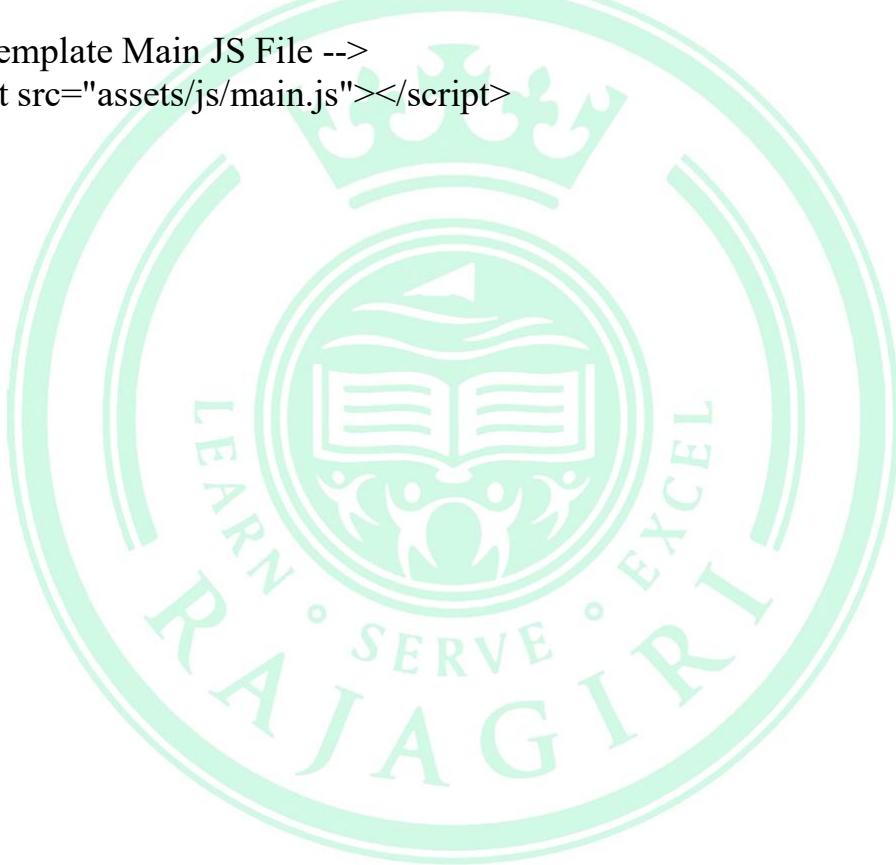
```

```
center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
<script src="assets/vendor/aos/aos.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/typed.js/typed.umd.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>
</html>
```



OUTPUT :

The screenshot shows a portfolio website for Muhammad Anshad PA. The header features a large profile picture of a man with a beard, wearing a green t-shirt, sitting in an office environment. Below the header, the name "Muhammad Anshad PA" is displayed in large white text, followed by the subtitle "I'm System Engineer". To the left of the main content is a dark sidebar with a circular profile picture at the top, followed by the name "Muhammad Anshad PA" and social media links for Twitter, Facebook, Instagram, and LinkedIn. Below these are menu items: Home, About, Resume, and Contact.

About

I am a passionate web developer and a System Engineer with a strong foundation in front-end and back-end technologies. My journey in System Engineer started from TCS, and it has evolved into a full-fledged career.

Web Developer & System Engineer .

As a system engineer checking the reliability and stability of the systems, provide timely and accurate technical support, and perform routine maintenance and updates.

> Birthday: 11 April 2000	> Age: 23
> Website: www.linkedin.com/in/muhammad-anshad-p-a-b7a9b9214	> Degree: MCA
> Phone: +91 8157847663	> Email: marshu817@gmail.com
> City: Wayanad,Kerala	

Resume

I am a passionate web developer and a System Engineer with a strong foundation in front-end and back-end technologies. My journey in System Engineer started from TCS, and it has evolved into a full-fledged career.

Summary

MUHAMMAD ANSHAD P A
Web Developer and System Engineer with 1+ years of experience System Engineering and Support services.

- Muhammad Anshad,Kerala, INDIA
- (91) 8157847663
- marshu817@gmail.com

Education

BACHELOR OF COMPUTER APPLICATION
2018 - 2021
St. Josephs College Devagiri (Autonomous), Calicut, Kerala

This program at St. Joseph's College Devagiri provided a holistic learning

Professional Experience

PYTHON FULL STACK DEVELOPER
2021 - 2022
Quest Innovative solutions ,Calicut, Kerala

- Gained proficiency in frontend technologies such as HTML, CSS, and JavaScript, enabling you to create interactive user interfaces and responsive web designs.
- Backend development using Python, including frameworks such as Django and Flask, to build robust and scalable web applications.
- Acquired skills in database management using SQL database MySQL for storing and retrieving application data efficiently.
- learned how to deploy and host web applications on platform AWS, ensuring accessibility and reliability for end-users.

Education

BACHELOR OF COMPUTER APPLICATION
2018 - 2021
St. Josephs College Devagiri (Autonomous), Calicut, Kerala

This program at St. Joseph's College Devagiri provided a holistic learning experience combining theoretical knowledge with practical skills, thereby preparing graduates for successful careers in the dynamic and competitive IT industry.

MASTER OF COMPUTER APPLICATION
2023 - Present
Rajagiri College of Social Science, kalamassery, Kerala

MCA at Rajagiri College helps me to attain many skills and learn about : Advanced Programming,Database Management,Software Engineering,Artificial Intelligence and Machine Learning,Soft Skills Development and so on.

Professional Experience

ASSISTANT SYSTEM ENGINEER
2022 - 2023
Tata Consultancy Services, Kochi, Kerala

- System Maintenance and Support : Maintenance of servers, network devices, and storage systems, to ensure uninterrupted operations and minimal downtime.
- Troubleshooting and Issue Resolution : Resolve technical issues related to system performance, configuration, security, and compatibility.
- System Monitoring and Optimization.
- Backup and Disaster Recovery.
- System Documentation and Documentation Management.
- Compliance and Security.

The screenshot shows a contact form on a website. At the top left is a sidebar with a profile picture of Muhammad Anshad P A, his name, and social media links (Twitter, Facebook, Instagram, LinkedIn). The main content area has a header "Contact". It includes a "Location" section with a map of Wayand, Kerala, showing towns like Chundale, Vythiri, Chembra, Meppadi, and Vellimala. Below the map are sections for "Email" (marchus17@gmail.com) and "Call" (+91 8157847663). To the right is a form with fields for "Your Name", "Your Email", "Subject", and "Message", followed by a "Send Message" button.



PROJECT

Date: 21/03/2024

Online Bakery Management System

CODE :

Index.php

```
<?php
session_start();
if(!isset($_SESSION['user_id'])){
    header("Location:/login.php");
    exit;
}
require_once('DBConnection.php');
$page = isset($_GET['page']) ? $_GET['page'] : 'home';
if($_SESSION['type'] != 1 &&
in_array($page,array('maintenance','products','stocks'))){
    header("Location:/");
    exit;
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title><?php echo ucwords(str_replace('_',,$page)) ?> | Bakery Shop
Management System</title>
    <link rel="stylesheet" href=".//Font-Awesome-master/css/all.min.css">
    <link rel="stylesheet" href=".//css/bootstrap.min.css">
    <link rel="stylesheet" href=".//select2/css/select2.min.css">
    <script src=".//js/jquery-3.6.0.min.js"></script>
    <script src=".//js/popper.min.js"></script>
    <script src=".//js/bootstrap.min.js"></script>
    <link rel="stylesheet" href=".//DataTables/datatables.min.css">
    <script src=".//DataTables/datatables.min.js"></script>
    <script src=".//select2/js/select2.full.min.js"></script>
    <script src=".//Font-Awesome-master/js/all.min.js"></script>
```

```
<script src="./js/script.js"></script>
<style>
:root{
    --bs-success-rgb:71, 222, 152 !important;
}
html,body{
    height:100%;
    width:100%;
}
@media screen{
    body{
        background-
image:url('./images/wallpaper.jfif') !important;
        background-size:cover;
        background-repeat:no-repeat;
        background-position:center center;
        backdrop-filter: brightness(0.7);
    }
}
main{
    height:100%;
    display:flex;
    flex-flow:column;
}
#page-container{
    flex: 1 1 auto;
    overflow:auto;
}
#topNavBar{
    flex: 0 1 auto;
}
.thumbnail-img{
    width:50px;
    height:50px;
    margin:2px
}
.truncate-1 {
    overflow: hidden;
    text-overflow: ellipsis;
    display: -webkit-box;
    -webkit-line-clamp: 1;
    -webkit-box-orient: vertical;
}
```

```
.truncate-3 {
    overflow: hidden;
    text-overflow: ellipsis;
    display: -webkit-box;
    -webkit-line-clamp: 3;
    -webkit-box-orient: vertical;
}
.modal-dialog.large {
    width: 80% !important;
    max-width: unset;
}
.modal-dialog.mid-large {
    width: 50% !important;
    max-width: unset;
}
@media (max-width:720px){

    .modal-dialog.large {
        width: 100% !important;
        max-width: unset;
    }
    .modal-dialog.mid-large {
        width: 100% !important;
        max-width: unset;
    }
}
.display-select-image{
    width:60px;
    height:60px;
    margin:2px
}
img.display-image {
    width: 100%;
    height: 45vh;
    object-fit: cover;
    background: black;
}
/* width */
::-webkit-scrollbar {
width: 5px;
}
```

```

/* Track */
::-webkit-scrollbar-track {
background: #f1f1f1;
}

/* Handle */
::-webkit-scrollbar-thumb {
background: #888;
}

/* Handle on hover */
::-webkit-scrollbar-thumb:hover {
background: #555;
}

.img-del-btn{
    right: 2px;
    top: -3px;
}
.img-del-btn>.btn{
    font-size: 10px;
    padding: 0px 2px !important;
}

</style>
</head>
<body>
    <main>
        <nav class="navbar navbar-expand-lg navbar-dark bg-dark bg-gradient"
id="topNavBar">
            <div class="container">
                <a class="navbar-brand" href="/">
                    Bakery Shop Management System
                </a>
                <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav"
aria-expanded="false" aria-label="Toggle navigation">
                    <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarNav">
                    <ul class="navbar-nav">
                        <li class="nav-item">
                            <a class="nav-link <?php echo ($page ==
'home')? 'active' : " ?>" aria-current="page" href="/">Home</a>
                        </li>

```

```

<?php if($_SESSION['type'] == 1): ?>
<li class="nav-item">
    <a class="nav-link" <?php echo ($page ==
'products')? 'active' : " ?>" href=".?page=products">Products</a>
</li>
<li class="nav-item">
    <a class="nav-link" <?php echo ($page ==
'stocks')? 'active' : " ?>" href=".?page=stocks">Stocks</a>
</li>
<?php endif; ?>
<li class="nav-item">
    <a class="nav-link" <?php echo ($page ==
'sales')? 'active' : " ?>" href=".?page=sales">POS</a>
</li>
<li class="nav-item">
    <a class="nav-link" <?php echo ($page ==
'sales_report')? 'active' : " ?>" href=".?page=sales_report">Sales</a>
</li>
<?php if($_SESSION['type'] == 1): ?>
<li class="nav-item">
    <a class="nav-link" <?php echo ($page ==
'users')? 'active' : " ?>" aria-current="page" href=".?page=users">Users</a>
</li>
<li class="nav-item">
    <a class="nav-link"
        href=".?page=maintenance">Maintenance</a>
</li>
<?php endif; ?>

</ul>
</div>
<div>
    <div class="dropdown">
        <button class="btn btn-secondary dropdown-toggle bg-
transparent text-light border-0" type="button" id="dropdownMenuButton1"
data-bs-toggle="dropdown" aria-expanded="false">
            Hello <?php echo $_SESSION['fullname'] ?>
        </button>
        <ul class="dropdown-menu" aria-
labelledby="dropdownMenuButton1">
            <li><a class="dropdown-item"
                href=".?page=manage_account">Manage Account</a></li>
            <li><a class="dropdown-item">

```

```

        href=".Actions.php?a=logout">Logout</a></li>
    </ul>
</div>
</div>
</div>
</nav>
<div class="container py-3" id="page-container">
    <?php
        if(isset($_SESSION['flashdata'])):
    ?>
        <div class="dynamic_alert alert alert-<?php echo
$_SESSION['flashdata']['type'] ?> rounded-0 shadow">
            <div class="float-end"><a href="javascript:void(0)" class="text-
dark text-decoration-none"
onclick="$(this).closest('.dynamic_alert').hide('slow').remove()">x</a></div>
            <?php echo $_SESSION['flashdata']['msg'] ?>
        </div>
        <?php unset($_SESSION['flashdata']) ?>
        <?php endif; ?>
    <?php
        include $page.'.php';
    ?>
</div>
</main>
<div class="modal fade" id="uni_modal" role='dialog' data-bs-
backdrop="static" data-bs-keyboard="true">
    <div class="modal-dialog modal-md modal-dialog-centered
rounded-0" role="document">
        <div class="modal-content rounded-0">
            <div class="modal-header py-2">
                <h5 class="modal-title"></h5>
            </div>
            <div class="modal-body">
            </div>
            <div class="modal-footer py-1">
                <button type="button" class="btn btn-sm rounded-0 btn-
primary" id='submit' onclick="$('#uni_modal
form').submit()>Save</button>
                <button type="button" class="btn btn-sm rounded-0 btn-
secondary" data-bs-dismiss="modal">Close</button>
            </div>
            </div>
        </div>
    </div>

```

```

</div>
<div class="modal fade" id="uni_modal_secondary" role='dialog' data-
bs-backdrop="static" data-bs-keyboard="true">
    <div class="modal-dialog modal-md modal-dialog-centered
rounded-0" role="document">
        <div class="modal-content rounded-0">
            <div class="modal-header py-2">
                <h5 class="modal-title"></h5>
            </div>
            <div class="modal-body">
            </div>
            <div class="modal-footer py-1">
                <button type="button" class="btn btn-sm rounded-0 btn-
primary" id='submit' onclick="$('#uni_modal_secondary
form').submit()">Save</button>
                <button type="button" class="btn btn-sm rounded-0 btn-
secondary" data-bs-dismiss="modal">Close</button>
            </div>
        </div>
    </div>
<div class="modal fade" id="confirm_modal" role='dialog'>
    <div class="modal-dialog modal-md modal-dialog-centered
rounded-0" role="document">
        <div class="modal-content rounded-0 rounded-0">
            <div class="modal-header py-2">
                <h5 class="modal-title">Confirmation</h5>
            </div>
            <div class="modal-body">
                <div id="delete_content"></div>
            </div>
            <div class="modal-footer py-1">
                <button type="button" class="btn btn-primary btn-sm
rounded-0" id='confirm' onclick="">Continue</button>
                <button type="button" class="btn btn-secondary btn-sm
rounded-0" data-bs-dismiss="modal">Close</button>
            </div>
        </div>
    </div>
</body>
</html>

```

home.php

```
<div class="content py-3">
    <div class="card rounded-0 shadow">
        <div class="card-body">
            <h3>Welcome to Bakery Shop Management System</h3>
            <hr>
            <div class="col-12">
                <div class="row gx-3 row-cols-4">
                    <div class="col">
                        <div class="card text-dark">
                            <div class="card-body">
                                <div class="w-100 d-flex align-items-center">
                                    <div class="col-auto pe-1">
                                        <span class="fa fa-th-list fs-3 text-primary"></span>
                                    </div>
                                    <div class="col-auto flex-grow-1">
                                        <div class="fs-5"><b>Catrgories</b></div>
                                    <div class="fs-6 text-end fw-bold">
                                        <?php
                                            $category = $conn->query("SELECT count(category_id) as `count` FROM `category_list` where delete_flag = 0 ")->fetch_array()['count'];
                                            echo $category > 0 ? format_num($category) : 0 ;
                                        ?>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                    <div class="col">
                        <div class="card text-dark">
                            <div class="card-body">
```

```

<div class="w-100 d-flex align-items-
center">
    <div class="col-auto pe-1">
        <span class="fas fa-
shopping-bag fs-3 text-secondary"></span>
    </div>
    <div class="col-auto flex-grow-
1">
        <div class="fs-
5"><b>Products</b></div>
        <div class="fs-6 text-end
fw-bold">
            <?php
                $product = $conn-
            >query("SELECT count(product_id) as `count` FROM `product_list` where
                delete_flag = 0 ")->fetch_array()['count'];
            echo $product > 0 ?
                format_num($product) : 0 ;
        </div>
        <div class="col">
            <div class="card text-dark">
                <div class="card-body">
                    <div class="w-100 d-flex align-items-
center">
                        <div class="col-auto pe-1">
                            <span class="fa fa-file-alt
fs-3 text-info"></span>
                        </div>
                        <div class="col-auto flex-grow-
1">
                            Stocks</b></div>
                            <div class="fs-6 text-end
fw-bold">
                                <?php
                                    $stock = 0;
                                    $stock_query = $conn-

```

```
>query("SELECT * FROM `stock_list` where product_id in (SELECT
product_id FROM `product_list` where delete_flag = 0) and
unix_timestamp(CONCAT(`expiry_date`)) >=
unix_timestamp(CURRENT_TIMESTAMP) ");
while($row =
$stock_query->fetch_assoc()):
    $stock_in =
$conn->query("SELECT sum(quantity) as `total` FROM `stock_list` where
unix_timestamp(CONCAT(`expiry_date`, ' 23:59:59')) >=
unix_timestamp(CURRENT_TIMESTAMP) and product_id =
'{$row['product_id']}' ")->fetch_array()['total'];
    $stock_out =
$conn->query("SELECT sum(quantity) as `total` FROM `transaction_items` where
product_id = '{$row['product_id']}' ")->fetch_array()['total'];
    $stock_in =
$stock_in > 0 ? $stock_in : 0;
    $stock_out > 0 ? $stock_out : 0;
    $stock_out;
    $qty : 0;
    $qty = $stock_in - $stock_out;
    $qty = $qty > 0 ? $stock += $qty;
    endwhile;
    echo $stock > 0 ? format_num($stock) : 0;

```

```

1">
5"><b>Today's Sales</b></div>
fw-bold">
<?php
$sales = $conn-
>query("SELECT sum(total) as `total` FROM `transaction_list` where
date(date_added) = date(CURRENT_TIMESTAMP)
".($_SESSION['type'] != 1)? " and user_id = '".$_SESSION['user_id']."' :
""))->fetch_array()[0];
echo $sales > 0 ?
format_num($sales) : 0 ;
?>
</div>
</div>
</div>
</div>
</div>
</div>
<hr>
<div class="row">
<div class="col-12">
<h3>Stock Available</h3>
<hr>
<table class="table table-striped table-hover
table-bordered" id="inventory">
<colgroup>
<col width="25%">
<col width="25%">
<col width="25%">
<col width="25%">
</colgroup>
<thead>
<tr>
<th class="py-0 px-
1">Category</th>
Code</th>
Name</th>
<th class="py-0 px-1">Product
<th class="py-0 px-1">Product
<th class="py-0 px-1">Available

```

```

Quantity</th>
                </tr>
            </thead>
            <tbody>
                <?php
                    $sql = "SELECT p.* , c.name as
cname FROM `product_list` p inner join `category_list` c on p.category_id =
c.category_id where p.status = 1 and p.delete_flag = 0 order by `name` asc";
                    $qry = $conn->query($sql);
                    while($row = $qry-
>fetch_assoc()):
                        $stock_in = $conn-
>query("SELECT sum(quantity) as `total` FROM `stock_list` where
unix_timestamp(CONCAT(`expiry_date`, ' 23:59:59')) >=
unix_timestamp(CURRENT_TIMESTAMP) and product_id =
'{$row['product_id']}'")->fetch_array()['total'];
                        $stock_out = $conn-
>query("SELECT sum(quantity) as `total` FROM `transaction_items` where
product_id = '{$row['product_id']}'")->fetch_array()['total'];
                        $stock_in = $stock_in > 0 ?
$stock_in : 0;
                        $stock_out = $stock_out >
0 ? $stock_out : 0;
                        $stock_out;
                ?>
<tr class="<?php echo $qty <
50? "bg-danger bg-opacity-25":;" ?>">
                <td class="td py-0 px-
1"><?php echo $row['cname'] ?></td>
                <td class="td py-0 px-
1"><?php echo $row['product_code'] ?></td>
                <td class="td py-0 px-
1"><?php echo $row['name'] ?></td>
                text-end">
                if($_SESSION['type'] == 1): ?>
                    $row['alert_restock']? "<a href='javascript:void(0)' class='restock me-1' data-
pid = ".$row['product_id']."' data-name = ".$row['product_code']. '-' -
.$row['name']."'> Restock</a>:" ?>

```

```
$qty ?></td>
                </tr>
            <?php endwhile; ?>
        </tbody>
    </table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</script>
$(function(){
    $('.restock').click(function(){
        uni_modal('Add New Stock for <span class="text-primary">'+$(this).attr('data-name')+'</span>',"manage_stock.php?pid="+$(this).attr('data-pid'))
    })
    $('#inventory').dataTable()
})
</script>
```



login.php

```
<?php
session_start();
if(isset($_SESSION['user_id']) && $_SESSION['user_id'] > 0){
    header("Location:/");
    exit;
}
require_once('DBConnection.php');
$page = isset($_GET['page']) ? $_GET['page'] : 'home';
?>
<!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>LOGIN | Bakery Shop Management System</title>
        <link rel="stylesheet" href="./css/bootstrap.min.css">
        <script src="./js/jquery-3.6.0.min.js"></script>
        <script src="./js/popper.min.js"></script>
        <script src="./js/bootstrap.min.js"></script>
        <script src="./js/script.js"></script>
    <style>
        html, body{
            height:100%;
        }
        body{
            background-image:url('./images/wallpaper.jfif') !important;
            background-size:cover;
            background-repeat:no-repeat;
            background-position:center center;
        }
        h1#sys_title {
            font-size: 6em;
            text-shadow: 3px 3px 10px #000000;
        }
        @media (max-with:700px){
            h1#sys_title {
                font-size: inherit !important;
            }
        }
    </style>

```

```

        </style>
</head>
<body class="">
    <div class="h-100 d-flex justify-content-center align-items-center">
        <div class='w-100'>
            <h1 class="py-5 text-center text-light px-4" id="sys_title">Bakery
Shop Management System</h1>
            <div class="card my-3 col-md-4 offset-md-4">
                <div class="card-body">
                    <form action="" id="login-form">
                        <center><small>Please enter your
credentials.</small></center>
                        <div class="form-group">
                            <label for="username" class="control-
label">Username</label>
                            <input type="text" id="username" autofocus
name="username" class="form-control form-control-sm rounded-0"
required>
                        </div>
                        <div class="form-group">
                            <label for="password" class="control-
label">Password</label>
                            <input type="password" id="password"
name="password" class="form-control form-control-sm rounded-0"
required>
                        </div>
                        <div class="form-group d-flex w-100 justify-
content-end">
                            <button class="btn btn-sm btn-primary
rounded-0 my-1">Login</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </body>
<script>
    $(function() {
        $('#login-form').submit(function(e) {
            e.preventDefault();
            $('.pop_msg').remove()
            var _this = $(this)

```

```

var _el = $('

')
    _el.addClass('pop_msg')
    _this.find('button').attr('disabled',true)
    _this.find('button[type="submit"]').text('Loging in...')
    $.ajax({
        url: './Actions.php?a=login',
        method:'POST',
        data:$(this).serialize(),
        dataType:'JSON',
        error:err=>{
            console.log(err)
            _el.addClass('alert alert-danger')
            _el.text("An error occurred.")
            _this.prepend(_el)
            _el.show('slow')
            _this.find('button').attr('disabled',false)
            _this.find('button[type="submit"]').text('Save')
        },
        success:function(resp){
            if(resp.status == 'success'){
                _el.addClass('alert alert-success')
                setTimeout(() => {
                    location.replace('./');
                }, 2000);
            }else{
                _el.addClass('alert alert-danger')
            }
            _el.text(resp.msg)

            _el.hide()
            _this.prepend(_el)
            _el.show('slow')
            _this.find('button').attr('disabled',false)
            _this.find('button[type="submit"]').text('Save')
        }
    })
})
</script>
</html>


```

OUTPUT :

Bakery Shop Management System

Please enter your credentials.

Username: admin
Password: *****

Login

Welcome to Bakery Shop Management System

Categories: 14 Products: 21 Total Stocks: 180 Today's Sales: 0

Stock Available

Show 10 entries

Category	Product Code	Product Name	Available Quantity
Beverages	170001	Cappuccino	Restock 0
Beverages	170002	Classic Cold Coffee	Restock 8
Biscuits, Cookies & Crackers	120002	Cheese Crackers	30
Biscuits, Cookies & Crackers	120003	Double Choco Chip Cookies	30
Breads	130001	Wheat Bread Loaf	Restock 0
Breads	130002	Wheat Sourdough Loaf	Restock 19
Brownies	110001	Choco Chip Brownie	Restock 0
Cakes - 3D/Theme Cakes	100401	Football Cake	Restock 2
Cakes - Dry Cakes	100601	Dates and Carrot Cake	20
Cakes - Fresh Creams	100001	Vanilla Cake	Restock 5

Showing 1 to 10 of 19 entries

Previous 1 2 Next

Product List

Show 10 entries	#	Code	Category	Product	Price	Alert	Status	Action
1	120001	Biscuits, Cookies & Crackers	Almond Biscotti double baked Italian biscuits	205	20	Inactive	Action	
2	100101	Cakes - Birthday Cakes	Barbie Doll Barbie cake	1,500	5	Inactive	Action	
3	170001	Beverages	Cappuccino Our Cappuccino is a traditionally made espresso-based coffee drink prepared with steamed milk foam.	130	10	Active	Action	
4	120002	Biscuits, Cookies & Crackers	Cheese Crackers made with cheese, butter & a touch of mustard and chilli.	150	20	Active	Action	
5	160002	Sandwiches & Savouries	Chicken & Cheese Butter Puff (1 Pc) a flaky butter pastry filled with our classic bechamel sauce, herb-roasted chicken, & cheese.	105	10	Active	Action	
6	110001	Brownies	Choco Chip Brownie dense fudgy brownie made with pure couverture chocolate	105	20	Active	Action	
7	140002	Desserts & Cupcakes	Chocolate Cupcake made with a moist chocolate sponge & topped with the smoothest, silkiest chocolate buttercream	110	20	Active	Action	
			Chocolate Tart a crisp butter pastry shell encasing a rich and					

Bakery Shop Management System

- [Home](#)
- [Products](#)
- [Stocks](#)
- [POS](#)
- [Sales](#)
- [Users](#)
- [Maintenance](#)

Hello Administrator ▾

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Stock List

#	Date Added	Product	Quantity	Expiry	Action
1	2024-03-17	130002 Wheat Sourdough Loaf	20	2024-03-30	Action ▾
2	2024-03-17	130001 Wheat Bread Loaf	20	2024-03-23	Action ▾
3	2024-03-17	100001 Vanilla Cake	5	2024-04-25	Action ▾
4	2024-03-17	100501 Three Layered Wedding Cake	1	2024-04-30	Action ▾
5	2024-03-17	160001 Roasted Chicken & Mustard Sandwich	20	2024-03-16	Action ▾
6	2024-03-17	100201 Mickey and Minnie	3	2024-04-30	Action ▾
7	2024-03-17	100401 Football Cake	2	2024-04-30	Action ▾
8	2024-03-17	150001 Eggless Red Velvet Pastry	5	2024-03-31	Action ▾
9	2024-03-17	100301 Eggless Plum Cake	20	2024-04-19	Action ▾
10	2024-03-17	120003 Double Choco Chip Cookies	30	2024-07-18	Action ▾

Add New

Transaction

Please select product below

Category	Product Code	Product Name	Price	Available Quantity
Brownies	110001	Choco Chip Brownie	105	0
Desserts & Cupcakes	140002	Chocolate Cupcake	110	0
Desserts & Cupcakes	140001	Chocolate Tart	140	0
Beverages	170002	Classic Cold Coffee	160	8
Pastries	150002	Dark Chocolate Mocha Pastry	125	10
Cakes - Dry Cakes	100601	Dates and Carrot Cake	595	20
Biscuits, Cookies & Crackers	120003	Double Choco Chip Cookies	230	30
Cakes - Plum Cakes	100301	Eggless Plum Cake	620	19
Pastries	150001	Eggless Red Velvet Pastry	140	5
Cakes - 3D/Theme Cakes	100401	Football Cake	1,700	2
Cakes - Photo Cakes	100201	Mickey and Minnie	1,500	3
Sandwiches & Savouries	160001	Roasted Chicken & Mustard Sandwich	230	0
Cakes - Wedding Cakes	100501	Three Layered Wedding Cake	9,500	1
Cakes - Fresh Creams	100001	Vanilla Cake	595	5
Breads	130001	Wheat Bread Loaf	90	0

Save Transaction

Items		
Qty	Product	Total
3	170001 Cappuccino (130)	390
1	140002 Chocolate Cupcake (110)	110
1	160001 Roasted Chicken & Mustard Sandwich (230)	230
Sub-Total		730
Tax (12%)Inclusive		87.6
Total		730

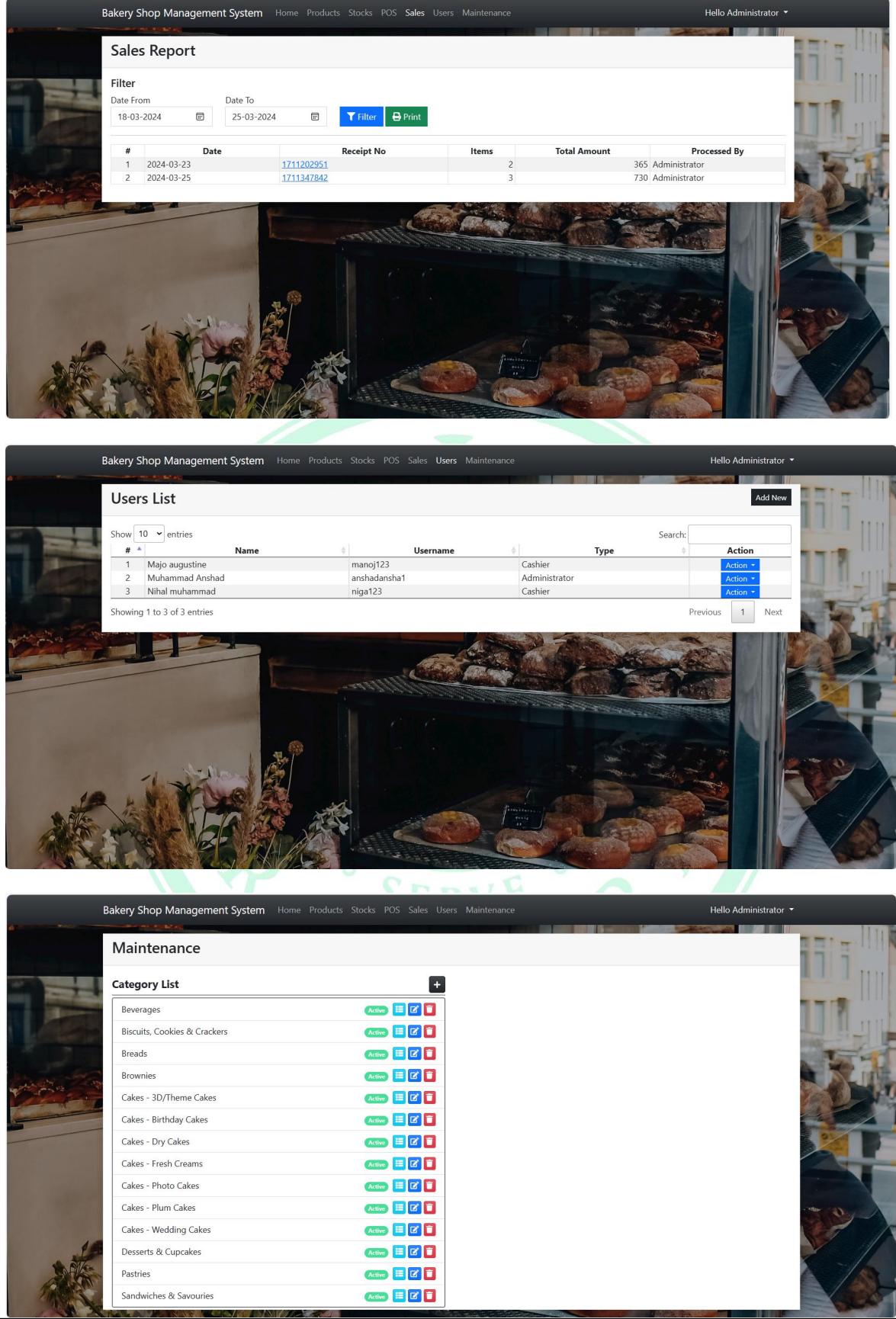
Transaction

Please select product below

Category	Product Code	Product Name	Price	Available Quantity
Brownies	110001	Choco Chip Brownie	105	0
Desserts & Cupcakes	140002	Chocolate Cupcake	110	0
Desserts & Cupcakes	140001	Chocolate Tart	140	0
Beverages	170002	Classic Cold Coffee	160	8
Pastries	150002	Dark Chocolate Mocha Pastry	125	10
Cakes - Dry Cakes	100601	Dates and Carrot Cake	595	20
Biscuits, Cookies & Crackers	120003	Double Choco Chip Cookies	230	30
Cakes - Plum Cakes	100301	Eggless Plum Cake	620	19
Pastries	150001	Eggless Red Velvet Pastry	140	5
Cakes - 3D/Theme Cakes	100401	Football Cake	1,700	2
Cakes - Photo Cakes	100201	Mickey and Minnie	1,500	3
Sandwiches & Savouries	160001	Roasted Chicken & Mustard Sandwich	230	0
Cakes - Wedding Cakes	100501	Three Layered Wedding Cake	9,500	1
Cakes - Fresh Creams	100001	Vanilla Cake	595	5
Breads	130001	Wheat Bread Loaf	90	0

Save Transaction

RECEIPT		
Bakery Shop Management System Receipt		
Date: 2024-03-25		
Receipt No: 1711347842		
QTY	Product	Amount
3	170001 Cappuccino (130)	390
1	140002 Chocolate Cupcake (110)	110
1	160001 Roasted Chicken & Mustard Sandwich (230)	230
Total		730
Tax 12%		87.6
Tendered Amount		800
Change		70
Print Close		
Mustard Sandwich		
Three Layered Wedding Cake		
Vanilla Cake		
Wheat Bread Loaf		



Bakery Shop Management System Home Products Stocks POS Sales Users Maintenance Hello Administrator

Sales Report

Filter

#	Date	Receipt No	Items	Total Amount	Processed By
1	2024-03-23	1711202951	2	365	Administrator
2	2024-03-25	1711347842	3	730	Administrator

Add New

Users List

Show	entries	Name	Username	Type	Action
1	10	Majo augustine	manoj123	Cashier	Action
2		Muhammad Anshad	anshadansha1	Administrator	Action
3		Nihal muhammad	niga123	Cashier	Action

Showing 1 to 3 of 3 entries Previous 1 Next

Maintenance

Category List

Category	Status	Action	
Beverages	Active		
Biscuits, Cookies & Crackers	Active		
Breads	Active		
Brownies	Active		
Cakes - 3D/Theme Cakes	Active		
Cakes - Birthday Cakes	Active		
Cakes - Dry Cakes	Active		
Cakes - Fresh Creams	Active		
Cakes - Photo Cakes	Active		
Cakes - Plum Cakes	Active		
Cakes - Wedding Cakes	Active		
Desserts & Cupcakes	Active		
Pastries	Active		
Sandwiches & Savouries	Active		