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Class:SY-A(CSE)

Roll No:112

Sub:SEM-2 (All Practicals)

Experiment No:1

```
<!DOCTYPE html>
first.html
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0
<title>Interactive Information Display form</title>
<style>
    /*Table styling*/
table {width: 80%;
margin: 20px auto;
border-collapse: collapse; }
/*Table cell styling*/
th, td {
border: 1px solid #ddd;
padding: 10px;
text-align: center;
}
/* Basic Reset */
margin: 0;
padding: 0;
}
box-sizing: border-box;
body {
}
font-family: Arial, sans-serif;
background-color: #f4f4f4;
```

```
display: flex;
justify-content: center;
align-items: center;
height: 100vh;
margin: 0;
form-container{
background: #fff;
padding: 20px;
border-radius: 10px;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
width: 100%;
max-width: 500px;
}
h2 {
text-align: center;
}
}
margin-bottom: 20px;
color: #333;
.form-group {
}
margin-bottom: 20px;
transition: all 0.3s ease;
form-group label {
display: block;
margin-bottom: 8px;
font-size: 16px;
color: #555;
form-group input {
width: 100%;
padding: 12px; font-size: 16px;
border: 2px solid #ddd; border-radius: 8px; transition: all 0.3s ease;
form-group input:focus { border-color: #4CAF50;
box-shadow: 0 0 8px rgba(76, 175, 80, 0.5);
}
```

```
-form-group input:hover ( border-color: #888;
form-group input: invalid ( border-color: #e74c3c;
}
form-group input: valid ( border-color: #2ecc71;
form-group.error-message { color: #e74c3c;
font-size: 12px; display: none;
}
}
}
form-group input: invalid.error-message ( display: block;
form-group input:focus.error-message {
display: none;
button {
}
width: 100%;
padding: 14px; background-color: #4CAF50;
color: #fff;
border: none;
border-radius: 8px;
font-size: 16px;
cursor: pointer;
transition: background-color 0.3s ease;
button:hover {
}
background-color: #45a049;
success-message { background-color: #2ecc71;
color: white;
padding: 10px;
margin-top: 20px; border-radius: 8px;
display: none;
text-align: center;
error-message {
color: white;
background-color: #e74c3c
padding: 10px;
```

```

margin-top: 20px; border-radius: 8px;
text-align: center; display: none;
</head> <body>
</style>
<div class="form-container"> <h2>Information Display Form</h2>
<form id="info-form">
<div class="form-group"> <label for="name">Full Name</label>
full name
required> <input type="text" id="name" name="ame="name" placeholder="Enter your
<div class="error-message">Name cannot be empty.</div> </div>
your email"
For="email">Email Address</label> required> <input type="email" id="email" name="email" placeholder="Enter
<div class="form-group"> <label fo
<div class="error-message">Please enter a valid email.</div>
</div>
<div class="form-group"> <label for="phone">Phone Number</label>
pattern="[0-9](10)" required> <input type="tel" id="phone" name="phone" placeholder="Enter your <div
class="error-message">Please enter a valid 10-digit phone
number.</div>
phone number"
</div>
<textarea id="message" name="message" rows="4" placeholder="Enter
your message"
<div class="form-group"> <label for="message">Message</label>
required></textarea> </div>
<button type="submit">Submit</button>
</form>
<div class="success-message" id="success-message"> Form submitted successfully!
</div>
<div class="error-message" id="submit-error-message"> There was an error submitting the form.
</div>
</div>
const form document.getElementById('info-form');
<script>
const successMessage document.getElementById('success-message'); const errorMessage
document.getElementById("submit-error-message");

```

```

form.addEventListener('submit', function(e) {
e.preventDefault(); // Prevent form submission for demonstration
Simulate form submission success or failure let isValid form.checkValidity():
if (isValid) {
successMessage.style.display= 'block';
errorMessage.style.display 'none';
form.reset(); // optionally reset form fields } else {
}
successMessage.style.display= 'none'; errorMessage.style.display = 'block':
});
</scripts>

```

Placeholder image below form →

```
img src="https://via.placeholder.com/150" alt="user Image"
```

Table to display sample

```
<h1>Time Table</h2>
```

```
<table>
```

```
<th>Date</th>
```

```
<th>subject</th> <th>Time</th>
```

```
<th>Time</th>
```

```
</tr>
```

```
<tr>
```

```
<td>05/02/2025</td>
```

```
<td>Mathematics-II</td>
```

```
<td>2pm to 5pm</td>
```

```
</tr>
```

```
<tr>
```

```
<td>07/02/2025</td>
```

```
<td>District Mathematics</td>
```

```
<td>2pm to 5pm</td>
```

```
</tr>
```

```
<tr>
```

```
<td>09/02/2025</td>
```

```
<td>CAD</td>
```

```
<td>2pm to 5pm</td>
```

```
</tr>
```

```
<tr>
<td>11/02/2025</td>
<td>Data Structure</td>
<td>2pm to 5pm</td>
</tr>
<tr>
<td>13/02/2025</td>
<td>uxv-11</td>
<td>2pm to 5pm</td>
<td>15/02/2025</td>
<td>OOP3</td>
<td>2pm to 5pm</td>
</tr>
</table>
</body>
</html>
```

Information Display Form

Full Name

Enter your full name

Name cannot be empty.

Email Address

Enter your email

Please enter a valid email.

Phone Number

Enter your phone number

Please enter a valid 10-digit phone number.

Message

Enter your message

Submit

User Image

Date	Subject	Time
05/02/2025	Mathematics-II	2pm to 5pm
07/02/2025	District Mathematics	2pm to 5pm
09/02/2025	CAO	2pm to 5pm
11/02/2025	Data Structure	2pm to 5pm
13/02/2025	UHV-II	2pm to 5pm
15/02/2025	OOPJ	2pm to 5pm

Time Table

Experiment No:2

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>CSE Department</title>

  <style>

    body {

      background-color: #f0f8ff; /* Change background color */

      font-family: Arial, sans-serif;

    }

    h1, h2, h3 {

      color: #333;

    }

    .content {

      margin: 20px;

    }

    .highlighted-text {

      font-style: italic;

      font-weight: bold;

    }

    .underline-text {

      text-decoration: underline;

    }

    .image-link img {

      width: 300px;

      height: auto;

      border: 2px solid #000;

    }

    .back-to-top {

      display: block;

      margin-top: 20px;

      text-align: center;

    }

  </style>

</head>

<body>

  <div class="content">

    <h1>CSE Department</h1>

    <h2>Welcome to CSE Department</h2>

    <h3>CSE Department</h3>

    <div class="highlighted-text">

      <p>CSE Department</p>

    </div>

    <div class="underline-text">

      <p>CSE Department</p>

    </div>

    <div class="image-link">

      <img alt="CSE Department Logo" data-bbox="100 400 300 600"/>

    </div>

    <div class="back-to-top">

      <p><a href="#">Back to Top</a></p>

    </div>

  </div>

</body>

</html>
```

```
a {
    text-decoration: none;
    color: #007BFF;
}
</style>
</head>
<body>

<header>
    <h1>Welcome to the CSE Department</h1>
</header>

<div class="content">
    <h2>About Us</h2>
    <p>
        The Department of Computer Science and Engineering was established in 1984.
        The Department, since its inception, has maintained a steady growth in every
        sphere of its activities and played an important role in bringing a vibrant
        and forward-looking academic environment.
    </p>

    <h3>Our Vision</h3>
    <p class="highlighted-text">Our Vision To be one of the leading Departments for
        Computer Science & Engineering education, developing proficient Engineers wi
        global acceptance in the service of mankind.</p>

    <h3>Team Members</h3>
    <ul>
        <li>John Doe - <span class="underline-text">Team Leader</span></li>
        <li>Jane Smith - Software Engineer</li>
        <li>Michael Brown - Data Scientist</li>
    </ul>

    <h3>Explore More</h3>
    <p>Click on the image below to learn more about our department.</p>
```



```
<div class="image-link">
  <a href=https://mgmcen.ac.in/default.html>
    <img src=https://www.mpscworld.com/wp-content/uploads/2020/06/mgm-logo.jpeg alt="Mgm-logo
Image">
  </a>
</div>
</div>

<footer>
  <div class="back-to-top">
    <a href="#">Back to Top</a>
  </div>
</footer>

</body>
</html>
```

Welcome to the CSE Department

About Us

The Department of Computer Science and Engineering was established in 1984. The Department, since its inception, has maintained a steady growth in every sphere of its activities and played an important role in bringing a vibrant and forward-looking academic environment.

Our Vision

Our Vision To be one of the leading Departments for Computer Science & Engineering education, developing proficient Engineers with global acceptance in the service of mankind.

Team Members

- John Doe - [Team Leader](#)
- Jane Smith - Software Engineer
- Michael Brown - Data Scientist

Explore More

Click on the image below to learn more about our department.



[Back to Top](#)

Experiment No:3

```
<DOCTYPE html>

<html lang = "en">

<head>

<title> JavaScript Calculator </title>

<style>

h1 {

text-align: center;

padding: 23px;

background-color: skyblue;

color: white;

}


#clear{

width: 270px;

border: 3px solid gray;

border-radius: 3px;

padding: 20px;

background-color: red;

}

.formstyle

{

width: 300px;

height: 530px;

margin: auto;

border: 3px solid skyblue;

border-radius: 5px; padding: 20px;

}

input

{

width: 20px;

background-color: green;

color: white;

border: 3px solid gray;

border-radius: 5px;
```

```

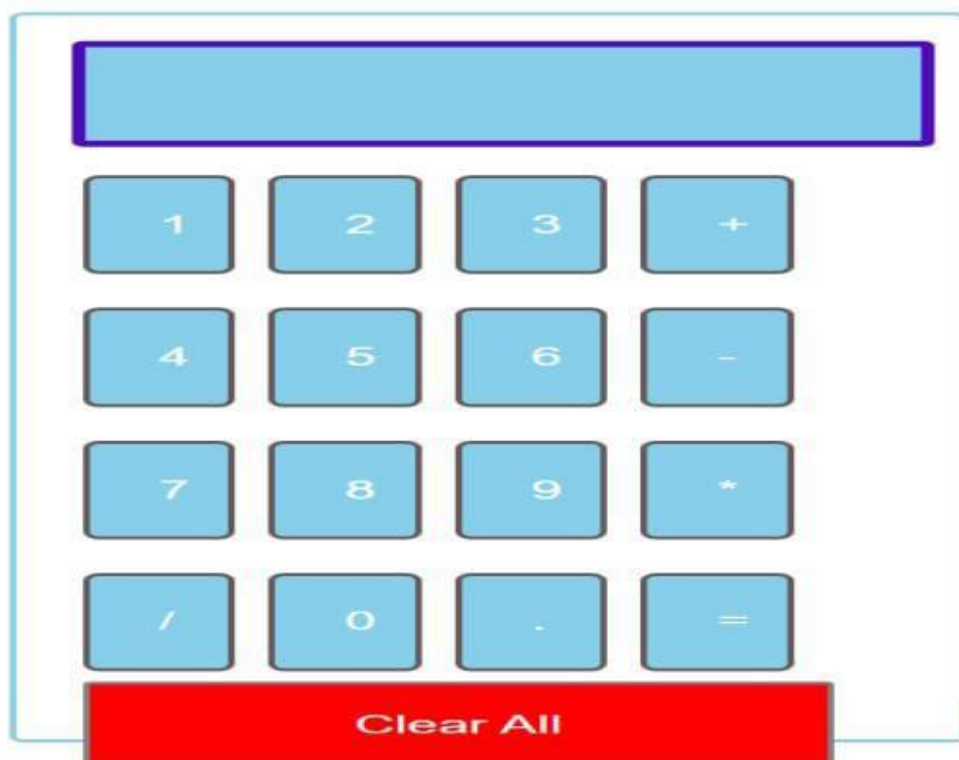
padding: 26px;
margin: 5px;
font-size: 15px;
}
#calc{
width: 250px;
border: 5px solid black;
border-radius: 3px;
padding: 20px;
margin: auto;
}
</style>
</head>
<body>
<h1> Calculator Program in JavaScript </h1>
<div class= "formstyle">
<form name = "form1">
<!-- This input box shows the button pressed by the user in calculator. -->
<input id = "calc" type ="text" name = "answer"> <br> <br>
<!-- Display the calculator button on the screen. -->
<!-- onclick() function display the number prsses by the user. -->
<input type = "button" value = "1" onclick = "form1.answer.value += '1' ">
<input type = "button" value = "2" onclick = "form1.answer.value += '2' ">
<input type = "button" value = "3" onclick = "form1.answer.value += '3' ">
<input type = "button" value = "+" onclick = "form1.answer.value += '+' ">
<br> <br>
<input type = "button" value = "4" onclick = "form1.answer.value += '4' ">
<input type = "button" value = "5" onclick = "form1.answer.value += '5' ">
<input type = "button" value = "6" onclick = "form1.answer.value += '6' ">
<input type = "button" value = "-" onclick = "form1.answer.value += '-' ">
<br> <br>
<input type = "button" value = "7" onclick = "form1.answer.value += '7' ">
<input type = "button" value = "8" onclick = "form1.answer.value += '8' ">
<input type = "button" value = "9" onclick = "form1.answer.value += '9' ">
<input type = "button" value = "*" onclick = "form1.answer.value += '*' ">

```

```

<br> <br>
<input type = "button" value = "/" onclick = "form1.answer.value += '/' ">
<input type = "button" value = "0" onclick = "form1.answer.value += '0' ">
<input type = "button" value = "." onclick = "form1.answer.value += '.' ">
<!--
- When we click on the '=' button, the onclick() shows the sum results on the calculator screen. -->
<input type = "button" value = "=" onclick = "form1.answer.value = eval(form1.answer.value)">
<br>
<!-- Display the Cancel button and erase all data entered by the user. -->
<input type = "button" value = "Clear All" onclick = "form1.answer.value = ' ' " id= "clear" >
<br>
</form>
</div>
</body>
</html>

```



Experiment No:4

```
<!DOCTYPE html>

<html>

<head>

<title>Employee Form Validation</title>

<style>

/* Style for the form container */

.form-container {

width: 25%;

margin: 0 auto;

padding: 20px;

border: 2px solid #007BFF; /* Blue border */

border-radius: 10px;

background-color:white /* White background */

display: flex;

flex-direction: column;

align-items: center;

justify-content: space-between; /* Add spacing between elements */

height: 400px; /* Set a fixed height to make it vertical */

}

.output-container {

margin-top: 20px;

padding: 20px;

border: 2px solid #ccc;

border-radius: 10px;

background-color: #e0e0e0;

}

/* Adding faint red color to input boxes */

input[type="text"], textarea {

border: 1px solid rgba(255, 0, 0, 0.2); /* Faint red border */

padding: 5px;

border-radius: 5px;

width: 100%;
```

```

margin-bottom: 10px; /* Space between fields */
}

input[type="submit"] {
background-color: #4CAF50; /* Green */
color: white;
padding: 10px 140px;
border: none;
border-radius: 5px;
cursor: pointer;
margin-top: auto; /* Push the button to the bottom of the form */
}

input[type="submit"]:hover {
background-color: #45a049;
}
</style>
<script>
function validateForm() {
const name = document.forms["employeeForm"]["name"].value.trim();
const email = document.forms["employeeForm"]["email"].value.trim();
const mobile = document.forms["employeeForm"]["mobile"].value.trim();
const address = document.forms["employeeForm"]["address"].value.trim();
const salary = document.forms["employeeForm"]["salary"].value.trim();

// Name: should not be empty and contain only letters
if (name === "" || !/^[a-zA-Z ]+$/ .test(name)) {
alert("Please enter a valid name (letters only).");
return false;
}

// Email: basic pattern
const emailPattern = /^[a-zA-Z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,4}$/;
if (email === "" || !emailPattern.test(email)) {
alert("Please enter a valid email address.");
}
}
</script>

```

```

    return false;
}

// Mobile: exactly 10 digits
if (mobile === "" || !/^d{10}$/.test(mobile)) {
    alert("Please enter a valid 10-digit mobile number.");
    return false;
}

// Address: not empty
if (address === "") {
    alert("Please enter an address.");
    return false;
}

// Salary: must be a positive number
if (salary === "" || isNaN(salary) || Number(salary) <= 0) {
    alert("Please enter a valid salary (positive number).");
    return false;
}

// If validation passes, display the output
document.getElementById('output').innerHTML = `
    <h3>Employee Information:</h3>
    <p><strong>Name:</strong> ${name}</p>
    <p><strong>Email:</strong> ${email}</p>
    <p><strong>Mobile Number:</strong> ${mobile}</p>
    <p><strong>Address:</strong> ${address}</p>
    <p><strong>Salary:</strong> $$${salary}</p>
`;

return false; // Prevent form submission to stay on the same page
}
</script>
</head>

```

```
<body>

<div class="form-container">

  <h2>Employee Form</h2>

  <form name="employeeForm" onsubmit="return validateForm()">

    <label>Name: <input type="text" name="name" /></label><br>

    <label>Email: <input type="text" name="email" /></label><br>

    <label>Mobile Number: <input type="text" name="mobile" /></label><br>

    <label>Address: <textarea name="address"></textarea></label><br>

    <label>Salary: <input type="text" name="salary" /></label><br>

    <input type="submit" value="Submit" />

  </form>

</div>


<div id="output" class="output-container"></div>

</body>

</html>
```

Employee Form

Name:

Email:

Mobile Number:

Address:

Salary:

Submit

Experiment No:5

```
<!DOCTYPE html>

<html>

<head>

  <title>String and Number Operations</title>

  <style>

    body { font-family: Arial; padding: 20px; }

    input, button { margin: 5px 0; padding: 5px; }

  </style>

</head>

<body>


  <h3>String Length</h3>

  <input id="str" placeholder="Enter string">

  <button onclick="getLength()">Length</button>

  <p id="lenResult"></p>


  <h3>Reverse Number</h3>

  <input id="num" placeholder="Enter number">

  <button onclick="reverseNum()">Reverse</button>

  <p id="revResult"></p>

  <script>

    function getLength() {

      let s = document.getElementById("str").value;

      document.getElementById("lenResult").innerText = "Length: " + s.length;

    }


    function reverseNum() {

      let n = document.getElementById("num").value;

      document.getElementById("revResult").innerText = "Reversed: " + n.split("").reverse().join("");

    }

  </script>

</body>

</html>
```

String Length

<input type="text" value="WELCOME"/>	<input type="button" value="Length"/>
--------------------------------------	---------------------------------------

Length: 7

Reverse Number

<input type="text" value="123456"/>	<input type="button" value="Reverse"/>
-------------------------------------	--

Reversed: 654321

Experiment No:6

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <title>Prime Finder</title>

  <style>

    body { font-family: sans-serif; padding: 20px; }

    input, button { font-size: 1rem; padding: 5px; margin: 5px; }

    #result { margin-top: 15px; white-space: pre-wrap; }

  </style>

</head>

<body>

  <h2>Find Primes in Range</h2>

  Start: <input id="start" type="number" min="2" value="2" />

  End: <input id="end" type="number" min="2" value="50" />

  <button onclick="findPrimes()">Find</button>

  <div id="result"></div>

  <script>

    function isPrime(n) {

      if (n < 2) return false;

      for (let i = 2; i <= Math.sqrt(n); i++)

        if (n % i === 0) return false;

      return true;

    }

    function findPrimes() {

      const start = +document.getElementById('start').value;

      const end = +document.getElementById('end').value;

      if (start > end) {

        document.getElementById('result').textContent = 'Start must be ≤ End.';

        return;

      }

      let primes = [];

      for (let i = start; i <= end; i++)

        if (isPrime(i)) primes.push(i);

    }

  </script>

</body>

</html>
```

```
document.getElementById('result').textContent = primes.length
? 'Primes: ' + primes.join(' ')
: 'No primes found.';
}
</script>
</body>
</html>
```

Find Primes in Range

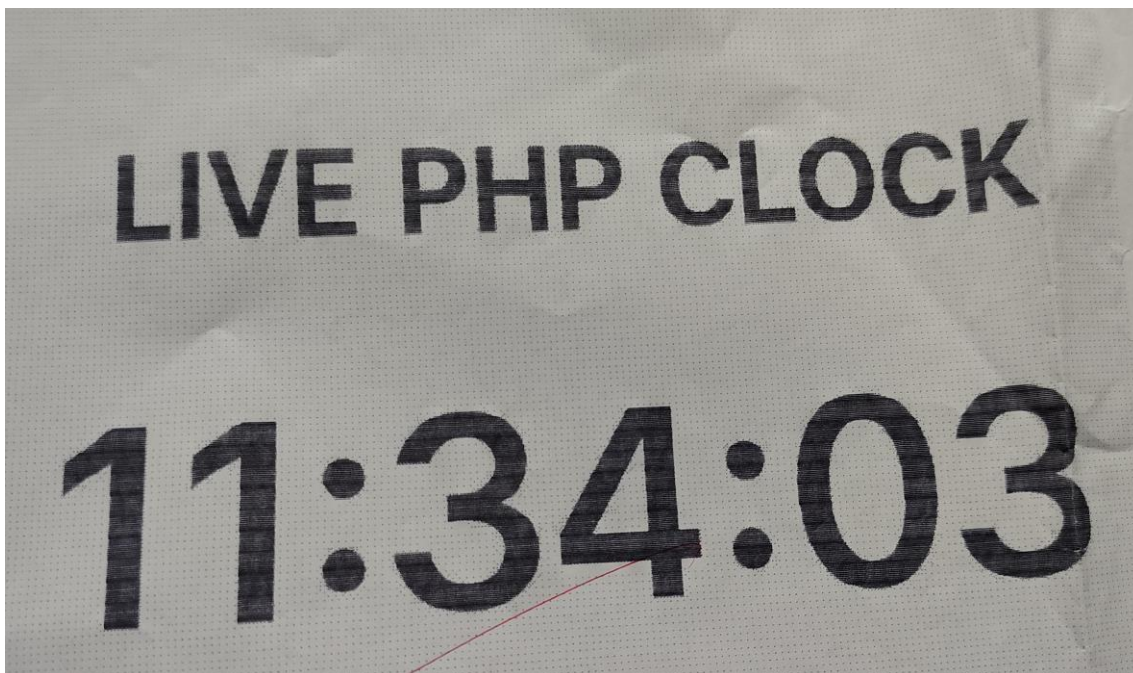
Start: End:

Primes: 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47

Experiment No:7

```
<?php
date_default_timezone_set("asia/kolkata");
$serverTime = date("H:i:s");
?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Digital Clock</title>
<style>
body {
background: linear-gradient(135deg, #2c3e50, #3498db);
color: #ecf0f1;
display: flex;
justify-content: center;
align-items: center;
height: 100vh;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
margin: 0;
}
.clock {
background: rgba(0, 0, 0, 0.4);
padding: 40px 60px;
border-radius: 15px;
box-shadow: 0 0 20px rgba(0,0,0,0.3);
font-size: 4rem;
letter-spacing: 5px;
}
</style>
</head>
<body>
<div class="clock" id="clock"><?php echo $serverTime; ?></div>
<script>
```

```
let serverTime = new Date("<?php echo date('Y-m-d H:i:s'); ?>");  
function updateClock() {  
    serverTime.setSeconds(serverTime.getSeconds() + 1);  
    const timeStr = serverTime.toLocaleTimeString('en-GB', { hour12: false });  
    document.getElementById('clock').textContent = timeStr;  
}  
setInterval(updateClock, 1000);  
</script>  
</body>  
</html>
```



Experiment No:8

```
<?php
session_start();

// Dummy credentials
$valid_username = 'admin';
$valid_password = '12345';

// Handle form submission
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $username = $_POST['username'] ?? '';
    $password = $_POST['password'] ?? '';

    if ($username === $valid_username && $password === $valid_password) {
        $_SESSION['user'] = $username;
        header('Location: welcome.php');
        exit;
    } else {
        $error = "Invalid username or password!";
    }
}

?>

<!DOCTYPE html>

<html>

<head>
    <title>Sign-In</title>
</head>

<body>
    <h2>Login</h2>
    <?php if (!empty($error)) echo "<p style='color:red;'>$error</p>"; ?>
    <form method="post" action="login.php">
        Username: <input type="text" name="username" required><br><br>
```

```
        Password: <input type="password" name="password" required><br><br>
        <button type="submit">Sign In</button>
    </form>
</body>
```

```
</html>
```

Welcome.php

```
<?php
```

```
session_start();
```

```
if (!isset($_SESSION['user'])) {
```

```
    header('Location: login.php');
```

```
    exit;
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Welcome</title>
```

```
</head>
```

```
<body>
```

```
    <h2>Welcome, <?php echo htmlspecialchars($_SESSION['user']); ?>!</h2>
```

```
    <p><a href="logout.php">Sign Out</a></p>
```

```
</body>
```

```
</html>
```

Logout.php

```
<?php
```

```
session_start();
```

```
session_unset();
```

```
session_destroy();
```

```
header('Location: login.php');
```

```
exit;
```


Sign-In

localhost/Sem2/pr8/login.php

Login

Username:

Password:

Welcome

localhost/Sem2/pr8/welcome.php

Welcome, admin!

[Sign Out](#)

Experiment No:9

```
<!DOCTYPE html>

<html>

<head>

    <title>Visitor Counter</title>

</head>

<body>

    <h1>Welcome to My Website</h1>

    <h2>Visitor Count:</h2>


    <?php

        $file = "counter.txt";


        // Check if the file exists
        if (!file_exists($file)) {

            // Create file and initialize count to 0
            file_put_contents($file, 0);

        }


        // Read the current count
        $count = (int) file_get_contents($file);


        // Increment the count
        $count++;


        // Write the new count back to the file
        file_put_contents($file, $count);


        // Display the count
        echo "<p>You are visitor number: <strong>$count</strong></p>";

    ?>

</body>

</html>
```

Welcome to My Website

Visitor Count:

You are visitor number: **12**

Welcome to My Website

Visitor Count:

You are visitor number: **18**

Experiment No:10

```
<!DOCTYPE html>

<html>

<head>

    <title>AJAX with PHP</title>

</head>

<body>

    <h2>AJAX Example</h2>

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

    <button onclick="sendData()">Submit</button>

    <p id="response"></p>

    <script>

        function sendData() {

            var name = document.getElementById("name").value;

            var xhr = new XMLHttpRequest();

            xhr.open("POST", "process.php", true);

            xhr.setRequestHeader("Content-Type", "application/x-www-form-urlencoded");

            xhr.onreadystatechange = function() {

                if (xhr.readyState === 4 && xhr.status === 200) {

                    document.getElementById("response").innerHTML = xhr.responseText;

                }

            };

            xhr.send("name=" + encodeURIComponent(name));

        }

    </script>

</body>

</html>

Process.php

<?php

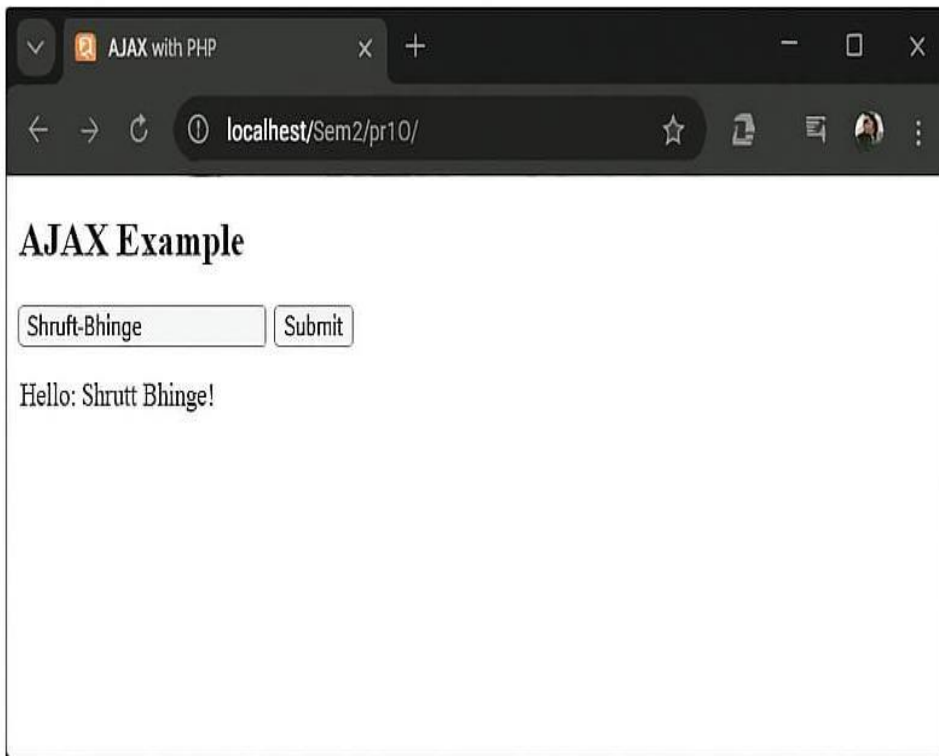
if ($_SERVER["REQUEST_METHOD"] == "POST") {

    $name = $_POST['name'];

    echo "Hello, " . htmlspecialchars($name) . "!";

}
```

Output:



Experiment No:11

Index.html

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <title>PR11</title>
```

```
</head>
```

```
<body>
```

```
  <div class="container" style="border: 1px solid">
```

```
    <label for="rollno">Roll no:</label>
```

```
    <input type="number" name="rollno" id="rollno">
```

```
    <br>
```

```
    <button id="btn">Search</button>
```

```
  </div>
```

```
  <div style="border: 1px blue solid;">
```

```
    <p id="Responce"></p>
```

```
  </div>
```

```
<script>
```

```
  let btn = document.getElementById("btn");
```

```
  btn.addEventListener('click', function() {
```

```
    // var rollno = document.getElementById("rollno");
```

```
    const rollno= document.getElementById("rollno").value;
```

```
    console.log("search entered");
```

```
    let xhr = new XMLHttpRequest();
```

```
    xhr.open("POST", "search.php", true);
```

```
    xhr.setRequestHeader("Content-Type", "application/x-www-form-urlencoded");
```

```

    xhr.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            document.getElementById("Response").innerHTML = this.responseText
        }
    }
console.log(rollno)
    xhr.send("rollno="+encodeURIComponent(rollno));
})
</script>
</body>
</html>
Search.php
<?php
$con = mysqli_connect("localhost", "root", "", "student");
if (!isset($con)) {
    echo "Error:" . mysqli_error($con);
}
?>
<?php
if($_SERVER["REQUEST_METHOD"]=="POST"){
    $rollno=intval($_POST["rollno"]);
    $query="SELECT rollno,name,class,prnno FROM student where rollno=".$rollno."";
    $result= mysqli_query($con,$query);

    echo "<table border='1' cellpadding='5'>
        <tr>
            <th>Roll no</th>
            <th>Name</th>
            <th>class</th>
            <th>PRN no</th>
        </tr>";
    if (mysqli_num_rows($result) > 0) {

```

```

// output data of each row
while ($row = mysqli_fetch_assoc($result)) {
    echo "<tr>
    <td>" . $row['rollno'] . "</td>
    <td>" . $row['name'] . "</td>
    <td>" . $row['class'] . "</td>
    <td>" . $row['prnno'] . "</td>
    </tr>
    ";
}
} else {
    echo "0 results";
}
}
echo "</table>";
mysqli_close($con);
?>

```

Roll no:

Roll no	Name	class	PRN no
201	abc def ghi	syCse-A	24001

Experiment No:12

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>PR12</title>
</head>
<body>
  <div class="container" style="border: 1px solid">
    <label for="order">select a order:</label>
    <br>
    <select name="order" id="order" title="slect order">slect
      <option value="ascending">ascending</option>
      <option value="decending">decending</option>
    </select>
    <br>
    <button id="btn">Select</button>
  </div>
  <div style="border: 1px blue solid;">
    <p id="Responce"></p>
  </div>
  <script>
    let btn = document.getElementById("btn");
    btn.addEventListener('click', function() {
      let a =document.getElementById("order").value;

      let xhr = new XMLHttpRequest();
      xhr.open("POST", "search.php", true);
      xhr.setRequestHeader("Content-Type", "application/x-www-form-urlencoded");

      xhr.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
```

```

        document.getElementById("Responce").innerHTML = this.responseText
    }
}
xhr.send("order="+encodeURIComponent(a));
})
</script>
</body>
</html>

```

Search.php

```

<?php
$con = mysqli_connect("localhost", "root", "", "student");
if (!isset($con)) {
    echo "Error:" . mysqli_error($con);
}
?>
<?php
if($_SERVER["REQUEST_METHOD"]=="POST"){
    if($_POST["order"]=="ascending"){
        $query= "SELECT * FROM student ORDER by rollno ASC";}
    else{
        $query = "SELECT * FROM student ORDER by rollno DESC";
    }
}

$result= mysqli_query($con,$query);
echo "<table border='1' cellpadding='5'>
    <tr>
        <th>Roll no</th>
        <th>Name</th>
        <th>class</th>
        <th>ID</th>
    </tr>";
if (mysqli_num_rows($result) > 0) {
    // output data of each row

```

```

while ($row = mysqli_fetch_assoc($result)) {
    echo "<tr>
    <td>" . $row['rollno'] . "</td>
    <td>" . $row['name'] . "</td>
    <td>" . $row['class'] . "</td>
    <td>" . $row['ID'] . "</td>
    </tr>
    ";    }
} else {
    echo "0 results";
}
echo "</table>";
mysqli_close($con);
?>

```

Sort Student Records

Sort by Name (A-Z)
Sort

ID	Name	Roll No	Class
1	Riya Sharma	101	10A
3	Aman Verma	102	10A
5	Pooja Patel	103	10B
9	Karan Joshi	104	10C