



Lab Practice -2 [404184C] : ELECTIVE-III(C) - JavaScript

ACADEMIC YEAR: 2024-25

CLASS	: BE	DIV	: 7	Batch	: R-7	DATE	:
Roll No	42305	ABC ID	: 810-360-343-871	SEMESTER	: I		

Experiment No.: 9

HTML →

Index page →

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

```
<title>Student Information Form</title>
```

```
<link rel="stylesheet" href="style_9.css">
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h1>Student Information Form</h1>
```

```
<!-- Form Section -->
```

```
<form id="studentForm">
```

```
<label for="name">Name:</label>
```

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

```
<label for="address">Address:</label>
```

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

```
<label for="city">City:</label>
```

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

```
<label for="state">State:</label>

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

<label>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><br><br>

<label for="mobile">Mobile Number:</label>

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

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

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

<button type="submit" onclick="validateForm(event)">Submit</button>

</form>

<!-- Result Section -->

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

<div class="info">

  <h2>Name: Teena Bambal</h2>

  <h3>Roll Number: 42305</h3>

</div>

</div>

<script src="script_9.js"></script>

</body>

</html>
```

Home page →

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

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

```
<style>
```

```
body {
```

```
  font-family: Arial, sans-serif;
```

```
  background-color: #f0f0f0;
```

```
  margin: 0;
```

```
  padding: 0;
```

```
  display: flex;
```

```
  justify-content: center;
```

```
  align-items: center;
```

```
  height: 100vh;
```

```
}
```

```
.welcome-container {
```

```
  background-color: #fff;
```

```
  padding: 20px;
```

```
  border-radius: 8px;
```

```
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
```

```
  text-align: center;
```

```
}
```

```
h1 {
```

```
  color: #4caf50;
```

```
}
```

```
p {
  color: #333;
}

</style>

</head>

<body>

  <div class="welcome-container">

    <h1>Welcome!</h1>

    <p id="welcomeMessage"></p>

  </div>

  <script>

    // Extract the name parameter from the URL

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

    const name = urlParams.get('name');

    // Display the welcome message with the user's name

    document.getElementById('welcomeMessage').textContent = `Congratulations ${name}, your
form was submitted successfully!`;

  </script>

</body>

</html>
```

CSS ➔

```
body {  
  font-family: Arial, sans-serif;  
  background-color: #f0f0f0;  
  margin: 0;  
  padding: 0;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  height: 100vh;  
}  
  
.container {  
  background-color: #fff;  
  padding: 20px;  
  border-radius: 8px;  
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
  width: 400px;  
}  
  
h1 {  
  text-align: center;  
  color: #333;  
}  
  
form {  
  display: flex;  
  flex-direction: column;  
}
```

```
label {  
    margin-bottom: 5px;  
}  
  
input[type="text"],  
input[type="email"] {  
    padding: 8px;  
    margin-bottom: 15px;  
    border: 1px solid #ccc;  
    border-radius: 4px;  
}  
  
button {  
    background-color: #4caf50;  
    color: white;  
    padding: 10px;  
    border: none;  
    border-radius: 4px;  
    cursor: pointer;  
}  
  
button:hover {  
    background-color: #45a049;  
}  
  
#result {  
    margin-top: 20px;  
    color: red;  
    font-weight: bold;  
    text-align: center;  
}
```

h2,

h3 {

margin: 5px;

color: #4caf50;

}

JS ➔

```
function validateForm(event) {  
    event.preventDefault(); // Prevent form from submitting  
  
    let name = document.getElementById("name").value.trim();  
    let address = document.getElementById("address").value.trim();  
    let city = document.getElementById("city").value.trim();  
    let state = document.getElementById("state").value.trim();  
    let gender = document.querySelector('input[name="gender"]:checked');  
    let mobile = document.getElementById("mobile").value.trim();  
    let email = document.getElementById("email").value.trim();  
    let errorMessages = [];  
    if (!name || !/^[a-zA-Z\s]+$/ .test(name)) {  
        errorMessages.push(  
            "Please enter a valid name (alphabetic characters only)."  
        );  
    }  
    if (!address) {  
        errorMessages.push("Please enter your address.");  
    }  
    if (!city) {  
        errorMessages.push("Please enter your city.");  
    }  
  
    if (!state) {  
        errorMessages.push("Please enter your state.");  
    }  
    if (!gender) {  
        errorMessages.push("Please select your gender.");  
    }  
}
```



```
}  
  
if (!/^\\d{10}$/.test(mobile)) {  
    errorMessages.push("Please enter a valid 10-digit mobile number.");  
}  
  
if (!/^\\s@]+@\\s@]+\\.\\s@]+$/ .test(email)) {  
    errorMessages.push("Please enter a valid email address.");  
}  
  
if (errorMessages.length > 0) {  
    document.getElementById("result").innerHTML = errorMessages.join("<br>");  
} else {  
    window.location.href = `home.html?name=${encodeURIComponent(name)}`;  
}  
}
```

Output ➔

Student Information Form

Name:

Address:

Pincode:

City:

State:

Gender:

Male ☐

Female ☐

Mobile Number:

Email ID:

Name: Teena Bambal
Roll Number: 42305

Student Information Form

Name:

Teena Ravindra Bambal

Address:

At post Monpa,TAI Kalmeshwar,Dist Nagpur

Pincode:

411052

City:

Nagpur

State:

Maharashtra

Gender:

Male

☐

Female

☒

Mobile Number:

9168452368

Email ID:

tinabambal@gmail.com

Submit

Name: Teena Bambal

Roll Number: 42305

Welcome!

Congratulations Teena Ravindra Bambal, your form was submitted successfully!

Logout

Date:

Course Teacher Sign