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| PICTLOGO | **SCTR’s PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE - 411043** |
| **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING** |

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| **Lab Practice -2 [404184C] : ELECTIVE-III(C) - JavaScript** | | | | | | | |
| **ACADEMIC YEAR: 2024-25** | | | | | | | |
| **CLASS** | **: BE** | **DIV** | **: 7** | **Batch** | **: R-7** | **DATE** | **:** |
| **Roll No** | **42315** | **ABC ID** | **: 187-311-403-781** | | | **SEMESTER** | **: I** |

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| --- |
| **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: Tanmay Deo</h2>

      <h3>Roll Number: 42315</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 🡺

A screen shot of a student information form

Description automatically generated

A white rectangular object with text and a green box

Description automatically generated

A white rectangular sign with green text

Description automatically generated

A screen shot of a student information form

Description automatically generated

|  |  |  |
| --- | --- | --- |
|  | | |
| Date: |  | Course Teacher Sign |