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| --- | --- |
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| Division: 8 | Batch: R8 |

Practical No: 9 Design student information Form

Code:

**Index.html**

<!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.css">

</head>

<body>

    <div class="form-container">

        <h1>Student Information Form</h1>

        <form onsubmit="validateForm(event)">

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

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

            <span id="nameError" class="error"></span><br>

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

            <input type="text" id="address" required><br>

            <span id="addressError" class="error"></span><br>

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

            <input type="text" id="city" required><br>

            <span id="cityError" class="error"></span><br>

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

            <input type="text" id="state" required><br>

            <span id="stateError" class="error"></span><br>

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

            <select id="gender" required>

                <option value="male">Male</option>

                <option value="female">Female</option>

                <option value="other">Other</option>

            </select><br>

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

            <input type="text" id="mobile" required><br>

            <span id="mobileError" class="error"></span><br>

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

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

            <span id="emailError" class="error"></span><br>

            <button type="submit">Submit</button>

        </form>

    </div>

    <script src="script.js"></script>

</body>

</html>

**Style.css**

body {

    font-family: Arial, sans-serif;

    background-color: #f5f5f5;

    text-align: center;

}

.form-container {

    max-width: 500px;

    margin: 50px auto;

    background-color: #fff;

    padding: 20px;

    border-radius: 10px;

    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

}

.form-container label {

    display: block;

    text-align: left;

    margin: 10px 0;

    font-weight: bold;

}

.form-container input, .form-container select {

    width: 100%;

    padding: 8px;

    margin: 5px 0 15px;

    border: 1px solid #ccc;

    border-radius: 4px;

    box-sizing: border-box;

}

.form-container .error {

    color: red;

    font-size: 12px;

    text-align: left;

}

.form-container button {

    background-color: #4CAF50;

    color: white;

    padding: 10px 20px;

    border: none;

    border-radius: 4px;

    cursor: pointer;

}

.form-container button:hover {

    background-color: #45a049;

}

**Script.js**

function validateForm(event) {

    event.preventDefault();

    document.querySelectorAll('.error').forEach(element => element.textContent = '');

    let valid = true;

    const name = document.getElementById('name').value;

    if (!/^[a-zA-Z ]+$/.test(name)) {

        document.getElementById('nameError').textContent = 'Please enter a valid name';

        valid = false;

    }

    const mobile = document.getElementById('mobile').value;

    if (!/^[0-9]{10}$/.test(mobile)) {

        document.getElementById('mobileError').textContent = 'Please enter a valid 10-digit mobile number';

        valid = false;

    }

    const email = document.getElementById('email').value;

    if (!/^\S+@\S+\.\S+$/.test(email)) {

        document.getElementById('emailError').textContent = 'Please enter a valid email address';

        valid = false;

    }

    if (valid) {

        const userName = encodeURIComponent(name);

        window.location.href = `welcome.html?name=${userName}`;

    }

}

**Welcome.html**

<!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: #f5f5f5;

            text-align: center;

        }

        .welcome-container {

            max-width: 600px;

            margin: 100px auto;

            background-color: #fff;

            padding: 20px;

            border-radius: 10px;

            box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

        }

        .welcome-message {

            font-size: 24px;

            margin-bottom: 20px;

        }

        .user-name {

            font-weight: bold;

            color: #4CAF50;

        }

        .back-button {

            background-color: #4CAF50;

            color: white;

            padding: 10px 20px;

            border: none;

            border-radius: 4px;

            cursor: pointer;

            text-decoration: none;

            font-size: 16px;

            margin-top: 20px;

        }

        .back-button:hover {

            background-color: #45a049;

        }

    </style>

</head>

<body>

    <div class="welcome-container">

        <div class="welcome-message">

            <h1>Welcome, <span class="user-name" id="userName"></span>!</h1>

            <p>Thank you for providing your information.</p>

        </div>

        <a href="index.html" class="back-button">Go Back</a>

    </div>

    <script>

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

        const userName = params.get('name');

        document.getElementById('userName').textContent = decodeURIComponent(userName);

    </script>

</body>

</html>

**Output**

A screen shot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Wrong input

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

A blue line on a white background

Description automatically generated