**Lab.1 Write code for a simple user registration form for an event.**

**Index.html file for Event Registration Event**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Event Registration Form</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body>

    <div class="container">

        <h1>Event Registration</h1>

        <form id="registrationForm" onsubmit="return validateForm()">

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

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

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

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

            <label for="phone">Phone Number</label>

            <input type="tel" id="phone" name="phone" required placeholder="Enter your phone number">

            <label for="event">Event Type</label>

            <select id="event" name="event" required>

                <option value="">Select Event</option>

                <option value="workshop">Workshop</option>

                <option value="seminar">Seminar</option>

                <option value="webinar">Webinar</option>

            </select>

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

        </form>

        <p id="error-message" class="error-message"></p>

    </div>

    <script src="script.js"></script>

</body>

</html>

**Script.js file for event registration**

function validateForm() {

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

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

    const phone = document.getElementById("phone").value;

    const event = document.getElementById("event").value;

    const errorMessage = document.getElementById("error-message");

    // Clear previous error message

    errorMessage.textContent = "";

    // Validate the fields

    if (name.trim() === "" || email.trim() === "" || phone.trim() === "" || event.trim() === "") {

        errorMessage.textContent = "All fields are required!";

        return false;

    }

    // Validate email format

    const emailPattern = /^[a-zA-Z0-9.\_-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,6}$/;

    if (!emailPattern.test(email)) {

        errorMessage.textContent = "Please enter a valid email address!";

        return false;

    }

    // Validate phone number format (basic example)

    const phonePattern = /^[0-9]{10}$/;

    if (!phonePattern.test(phone)) {

        errorMessage.textContent = "Please enter a valid phone number (10 digits).";

        return false;

    }

    // If everything is valid, form can be submitted

    alert("Registration successful!");

    return true;

}

Styles.css file for event registration

body {

    font-family: Arial, sans-serif;

    background-color: #f4f4f9;

    margin: 0;

    padding: 0;

}

.container {

    width: 50%;

    margin: 50px auto;

    background-color: white;

    padding: 20px;

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

    border-radius: 8px;

}

h1 {

    text-align: center;

    margin-bottom: 20px;

}

form {

    display: flex;

    flex-direction: column;

}

label {

    margin-bottom: 8px;

    font-weight: bold;

}

input, select, button {

    padding: 10px;

    margin-bottom: 15px;

    border: 1px solid #ccc;

    border-radius: 5px;

}

button {

    background-color: #28a745;

    color: white;

    border: none;

    cursor: pointer;

    font-size: 16px;

}

button:hover {

    background-color: #218838;

}

.error-message {

    color: red;

    font-size: 14px;

    text-align: center;

}

Output

