

EXPERIMENT-01

AIM: Write a code for simple User Registration form for an event.

<!-- HTML CODE WITH INLINE CSS FOR REGISTRATION FORM -->

Objective

To develop a basic user registration form using HTML and JavaScript, allowing users to submit their details for event registration.

Software Requirements

- Code editor (VS Code or any)
 - Web browser (Chrome, Firefox, etc.)
-

Procedure

1. Create HTML File for User Registration Form

- Create a file named registration.html.
- Add the following code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>HTML Registration Form</title>
    <script src="script.js" defer></script>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }
        .main {
            background-color: #fff;
            border-radius: 15px;
            box-shadow: 0 0 20px rgba(0, 0, 0, 0.2);
            padding: 20px;
            width: 300px;
        }
        .main h2 {
```

```
        color: #4caf50;
        margin-bottom: 20px;
    }
    label {
        display: block;
        margin-bottom: 5px;
        color: #555;
        font-weight: bold;
    }
    input[type="text"],
    input[type="email"],
    input[type="password"],
    select {
        width: 100%;
        margin-bottom: 15px;
        padding: 10px;
        box-sizing: border-box;
        border: 1px solid #ddd;
        border-radius: 5px;
    }
    button {
        padding: 15px;
        border-radius: 10px;
        border: none;
        background-color: #4caf50;
        color: white;
        cursor: pointer;
        width: 100%;
        font-size: 16px;
    }

```

</style>

```
</head>
<body>
    <div class="main">
        <h2>Registration Form</h2>
        <form action="" method="">
            <label for="firstName">First Name</label>
            <input type="text" id="first" name="first" required />

            <label for="lastName">Last Name</label>
            <input type="text" id="last" name="last" required />
            <label for="email">Email</label>
            <input type="email" id="email" name="email" required />
            <label for="password">Password</label>
            <input type="password" id="password" name="password"
                pattern="^(?=.*\d)(?=.*[a-zA-Z])(?=.*[^a-zA-Z0-9])\S{8,}$"
                title="Password must contain at least one number,
                one alphabet, one symbol, and be at"
```

```

        least 8 characters long" required />
    <label for="repassword">Re-type Password</label>
    <input type="password" id="repassword" name="repassword" required />
    <label for="mobile">Contact</label>
    <input type="text" id="mobile" name="mobile" maxlength="10" required />
    <label for="gender">Gender</label>
    <select id="gender" name="gender" required>
        <option value="male">
            Male
        </option>
        <option value="female">
            Female
        </option>
        <option value="other">
            Other
        </option>
    </select>
    <button type="button" onclick="submitForm(); return false;">Register</button>
    <p id="confirmation"></p>
</form>
</div>
</body>
</html>

```

2. Create JavaScript File for Form Handling

- Create a file named script.js.
- Add the following code:

```

function submitForm() {
    var firstName = document.getElementById("first").value;
    var lastName = document.getElementById("last").value;
    var email = document.getElementById("email").value;
    var mobile = document.getElementById("mobile").value;
    var gender = document.getElementById("gender").value;

    var password = document.getElementById("password").value;
    var repassword = document.getElementById("repassword").value;
    if (!firstName || !lastName || !email || !password || !repassword || !mobile || !gender) {
        alert("Please fill all the fields.");
        return;
    }
    // Password match check
    if (password !== repassword) {
        alert("Passwords do not match!");
        return;
    }
}

```

```
document.getElementById('confirmation').innerText =  
    'Thank you, ' + firstName + '! You have registered successfully.';  
    console.log('Registration Details:', { Name: firstName, Email: email, Phone: mobile  
});  
    document.getElementById("confirmation").style.color = "green";  
}
```

3. Run and Test

- Open the registration.html file in a web browser.
 - Fill in user details and click **Register**.
 - Verify registration confirmation message is displayed.
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4. Output

The screenshot shows a web browser window titled "HTML Registration Form". The address bar indicates the URL is 127.0.0.1:5500/D-Exp01/registration.html. The main content is a "Registration Form" with the following fields:

- First Name: Rajshree
- Last Name: L
- Email: rajshree4@gmail.com
- Password: (Redacted)
- Re-type Password: (Redacted)
- Contact: 9876543210
- Gender: Female

A green "Register" button is located at the bottom of the form. Below the button, a green message box displays the confirmation message: "Thank you, Rajshree! You have registered successfully."