

Experiment 5

Aim:-Create a Web Page for Student Registration Form with Email Validation by applying form attributes (method,

action, placeholder, required).

Objectives

1. To design a student registration form using HTML.
2. To apply form attributes:
 - ☐ method → Defines how data is sent.
 - ☐ action → Defines where data is sent.
 - ☐ placeholder → Displays hint text.
 - ☐ required → Ensures mandatory fields are filled.
3. To implement basic email validation using the type="email" attribute.

Tools Required

- ☐ Text Editor (Notepad, VS Code, Sublime Text)
- ☐ Web Browser (Chrome, Edge, Firefox)

Theory

- ☐ HTML Forms (<form>): Used to collect user input.
- ☐ Form Attributes:
 - ☐ method="post" → Sends form data securely.
 - ☐ action="submit.html" → Defines where the form data goes (dummy page here).
 - ☐ placeholder="Enter Name" → Shows hint text inside input box.
 - ☐ required → Makes the field compulsory.
- ☐ Email Validation:
 - ☐ type="email" → Ensures user enters data in email format (e.g., abc@example.com).

Code implementation

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Student Registration Form</title>
```

```
</head>
```

```
<body>
```

```
    <h1 align="center">Student Registration Form</h1>
```

```
    <hr>
```

```
    <!-- Registration Form -->
```

```
    <form method="post" action="submit.html">
```

```
        <!-- Full Name -->
```

```
        <p>
```

```
            <label>Full Name: </label>
```

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

```
        </p>
```

```
        <!-- Email with validation -->
```

```
        <p>
```

```
            <label>Email: </label>
```

```
            <input type="email" name="email" placeholder="Enter valid email address" required>
```

```
        </p>
```

```
        <!-- Password -->
```

```
        <p>
```

```
            <label>Password: </label>
```

```
            <input type="password" name="password" placeholder="Enter password" required>
```

```
        </p>
```

```
        <!-- Gender (Radio Buttons) -->
```

```
<p>
  <label>Gender: </label>

  <input type="radio" name="gender" value="male" required> Male

  <input type="radio" name="gender" value="female"> Female
</p>

<!-- Course Selection (Dropdown) -->

<p>
  <label>Course: </label>

  <select name="course" required>

    <option value="">-- Select Course --</option>

    <option value="btech">B.Tech</option>

    <option value="bca">BCA</option>

    <option value="mba">MBA</option>

    <option value="mca">MCA</option>

  </select>

</p>

<!-- Contact Number -->

<p>
  <label>Contact No: </label>

  <input type="tel" name="contact" placeholder="Enter phone number" required>
</p>

<!-- Address (Textarea) -->

<p>
  <label>Address: </label><br>

  <textarea name="address" rows="4" cols="40" placeholder="Enter your address"
required></textarea>

</p>

<!-- Submit and Reset -->

<p>
```

```
<input type="submit" value="Register">

<input type="reset" value="Clear">

</p>

</form>

<hr>

<p align="center">&copy; 2025 Student Registration Portal</p>

</body>

</html>
```

Output

Student Registration Form

Full Name:

Email:

Password:

Gender: ☐ Male ☐ Female

Course:

Contact No:

Address:

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Outcome

- ☐ Successfully created a Student Registration Form using only HTML.
- ☐ Applied form attributes: method, action, placeholder, required.
- ☐ Implemented email validation using type="email".
- ☐ Learned to design a structured form without CSS.

