**Experiment – 1**

**# Title** **:** Student Registration Form with HTML5 Validation.

**# Objective** **:** To design and implement a simple student registration form using HTML5 that collects user information (Name, Email, Age) and ensures all inputs are valid before submission using built-in HTML5 validation features.

**# Code :** <!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Student Registration Form</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: #f0f0f0;

      display: flex;

      justify-content: center;

      align-items: center;

      height: 100vh;

    }

    .registration-form {

      background: #fff;

      padding: 24px 28px;

      border-radius: 8px;

      box-shadow: 0 0 8px rgba(0,0,0,0.08);

      width: 300px;

    }

    .registration-form h2 {

      text-align: center;

      margin-bottom: 16px;

    }

    .registration-form label {

      display: block;

      margin-top: 10px;

      font-weight: 600;

    }

    .registration-form input[type="text"],

    .registration-form input[type="email"],

    .registration-form input[type="number"] {

      width: 100%;

      padding: 6px;

      margin-top: 4px;

      border: 1px solid #ccc;

      border-radius: 4px;

      font-size: 15px;

    }

    .registration-form input[type="submit"] {

      width: 100%;

      padding: 9px;

      margin-top: 16px;

      background: #4CAF50;

      color: #fff;

      border: none;

      border-radius: 4px;

      font-size: 16px;

      cursor: pointer;

      font-weight: 600;

    }

    .registration-form input[type="submit"]:hover {

      background: #388e3c;

    }

  </style>

</head>

<body>

  <form class="registration-form" action="#" method="post">

    <h2>Student Registration Form</h2>

    <label for="name">Name:</label>

    <input type="text" id="name" name="name" required minlength="2" maxlength="50" placeholder="Enter your name">

    <label for="email">Email:</label>

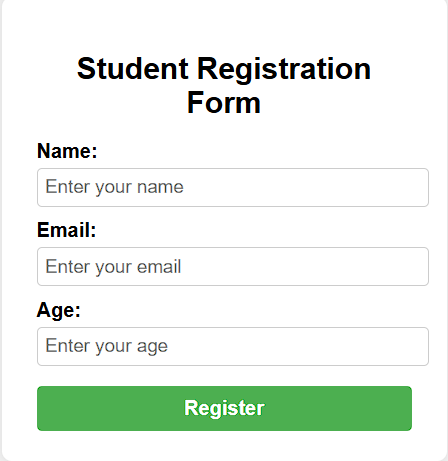
    <input type="email" id="email" name="email" required placeholder="Enter your email">

    <label for="age">Age:</label>

    <input type="number" id="age" name="age" required min="10" max="100" placeholder="Enter your age">

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

  </form>

****