Experiment – 1

Aim - Student Registration Form with HTML5 Validation

Objective - Design and implement a basic student registration form that collects user information and validates inputs using HTML5 features.

Tools used - Vs Code

Code - <!DOCTYPE html>

<html>

<head>

  <title>Student Registration Form</title>

  <style>

```
    body {
      font-family: Arial, sans-serif;
      padding: 20px;
    }
    label {
      display: block;
      margin-top: 10px;
    }
    input[type="text"],
    input[type="email"],
    input[type="number"] {
      padding: 5px;
```

```
      width: 250px;

      margin-top: 5px;

    }

    button {

      margin-top: 15px;

      padding: 8px 12px;

    }

  </style>

</head>

<body>


  <h1>Student Registration Form</h1>


  <form>

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

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


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

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


    <label for="age">Age:</label>
```

```html
    <input type="number" id="age" name="age"
placeholder="Enter" min="1" max="120" required>


    <br>

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

  </form>


</body>

</html>
```
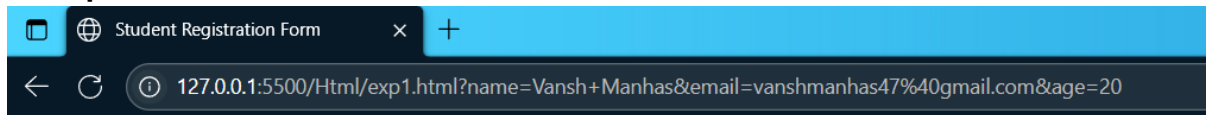
Code screenshot -

```html
Html >  exp1.html >  html >  head >  style >  input[type="text"] >  input[type="email"] >  input[type="number"]
2    <html>
3    <head>
5      <style>
6        body {
9        }
10       label {
11         display: block;
12         margin-top: 10px;
13       }
14       input[type="text"],
15       input[type="email"],
16       input[type="number"] {
17         padding: 5px;
18         width: 250px;
19         margin-top: 5px;
20       }
21       button {
22         margin-top: 15px;
23         padding: 8px 12px;
24       }
25     </style>
26   </head>
27   <body>
28
29     <h1>Student Registration Form</h1>
30
31     <form>
32       <label for="name">Name:</label>
33       <input type="text" id="name" name="name" placeholder="Enter your full name" required>
34
35       <label for="email">Email:</label>
36       <input type="email" id="email" name="email" placeholder="Enter your email" required>
37
38       <label for="age">Age:</label>
39       <input type="number" id="age" name="age" placeholder="Enter" min="1" max="120" required>
40
41       <br>
42       <button type="submit">Register</button>
43     </form>
```

Output -

Learning Outcomes -:

1. Learned how to create a basic form using HTML.

2. Understood how to add input fields like name, email, and age.

3. Used HTML5 validation (like required, email, and number).