

Assignment 7

Question 1

Validate following input values in form using javascript

1. Name
2. Email Id
3. Phone Number
4. Aadhar Number
5. Pin Code
6. Enrollment Number

Code

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8" />
  <title>Form Validation</title>
  <script>
    function validate() {
      let form = document.forms["form1"];
      let name = form["name"].value;
      let email = form["email"].value;
      let phone = form["phone"].value;
      let pin = form["pin"].value;
      let aadhar = form["aadhar"].value;
      let enrol = form["enrol"].value;
      let logs = document.getElementById("logs");

      // name
      if (!/([A-Z])\w+/.test(name)) {
        form.name.focus();
        logs.textContent = "Invalid name format";
        return false;
      }

      // email
      if (!/^[\w.+\-]+\@gmail\.com$/i.test(email)) {
        form.email.focus();
        logs.textContent = "Enter valid gmail address";
        return false;
      }

      // phone
      if (phone.length != 13) {
        form.phone.focus();
        logs.textContent = "Incorrect length phone number";
        return false;
      }
    }
  </script>
</head>
<body>
  <div>
    <input type="text" value="Name" />
    <input type="text" value="Email" />
    <input type="text" value="Phone" />
    <input type="text" value="Aadhar" />
    <input type="text" value="Pin" />
    <input type="text" value="Enrollment" />
    <input type="button" value="Validate" />
  </div>
  <div id="logs">
    <div></div>
  </div>
</body>
</html>
```

```

    if (!/^\\+91\\d+$/ .test(phone)) {
        form.phone.focus();
        logs.textContent = "Invalid phone number";
        return false;
    }

    // pincode
    if (pin.length != 6) {
        form.pin.focus();
        logs.textContent = "Invalid pincode";
        return false;
    }

    // aadhar
    if (aadhar.length != 12) {
        form.aadhar.focus();
        logs.textContent = "Invalid length aadhar number";
        return false;
    }

    // enrolment
    if (enrol.length != 8) {
        form.enrol.focus();
        logs.textContent = "Invalid enrolment number";
        return false;
    }
}
</script>
<style>
    body {
        font-family: sans-serif;
    }

    .container {
        margin: 0 20% 0 20%;
        display: flex;
        flex-direction: column;
        align-items: center;
        justify-content: center;
        width: 60%;
    }

    .container * {
        width: 100%;
        height: 25px;
        margin-top: 5px;
    }

    #submit {
        width: 10%;
        min-width: 100px;
        margin-left: 40%;
    }

    input {
        padding: 2px 5px 2px 5px;
    }

```

```
</style>
</head>

<body>
  <div class="container">
    <form name="form1" onsubmit="return(validate())">
      <h1>Form validation</h1>
      <input type="text" id="name" placeholder="Enter name" />
      <input type="email" id="email" placeholder="Enter email here" />
      <input type="text" id="phone" placeholder="Phone number" />
      <input type="number" id="pin" placeholder="Pin code" />
      <input type="text" id="aadhar" placeholder="Aadhar number" />
      <input type="text" id="enrol" placeholder="Enrolment number" />
      <button id="submit" type="submit">Submit</button>
      <div id="logs"></div>
    </form>
  </div>
</body>

</html>
```

Output

Form validation

Enter name
Enter email here
Phone number
Pin code
Aadhar number
Enrolment number

Submit