

AIM:

To write a JavaScript to validate the following fields of a registration page

- a) First Name (Name should contain alphabets and the length should not be less than 6 characters
- b) Password (Password should not be less than 6 characters length)
- c) Email id (should not contain any invlaid and must follow the standard pattern name@domain.com)
- d) Mobile Number(phone number should contain 10 digits only)
- e) Last Name and Address (should not be Empty)

PROGRAM:

```
<html>
<head>
  <title>Registration Form</title>
  <script>
    function validateForm() {
      let name = document.forms["regForm"]["name"].value;
      let password = document.forms["regForm"]["password"].value;
      let email = document.forms["regForm"]["email"].value;
      let mobile = document.forms["regForm"]["mobile"].value;

      if (!/^[A-Za-z]+$/.test(name)) {
        alert("Name must be alphabetic only");
        return false;
      }
      if (password.length < 6) {
        alert("Password must be at least 6 characters");
        return false;
      }
      if (!email.includes("@")) {
        alert("Invalid email format");
        return false;
      }
      if (!/^\d{10}$/.test(mobile)) {
        alert("Mobile number must be 10 digits");
        return false;
      }

      alert("Form successfully submitted!");
      return true; // allows form to submit (to same page or backend if
added)
    }
  </script>
</head>
<body>
  <center>
    <h2>Registration Form</h2>
```

```

<form name="regForm" onsubmit="return validateForm()" action="#">
  <label for="name">Name:</label><br>
  <input type="text" name="name" id="name" required><br><br>

  <label for="password">Password:</label><br>
  <input type="password" name="password" id="password"
required><br><br>

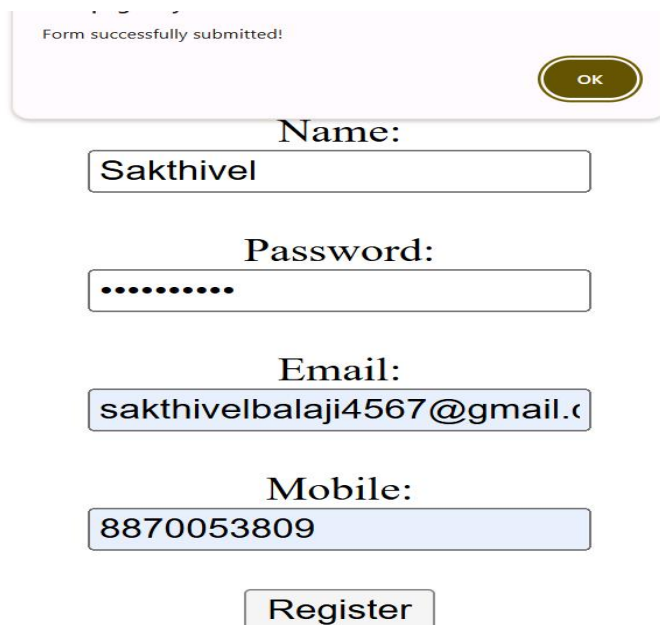
  <label for="email">Email:</label><br>
  <input type="text" name="email" id="email" required><br><br>

  <label for="mobile">Mobile:</label><br>
  <input type="text" name="mobile" id="mobile" required><br><br>

  <input type="submit" value="Register">
</form>
</center>
</body>
</html>

```

OUTPUT:



Form successfully submitted!

OK

Name:

Sakthivel

Password:

.....

Email:

sakthivelbalaji4567@gmail.c

Mobile:

8870053809

Register

RESULT :

Thus the experiment to create a web page that embeds a map with hotspots, frames, and links using embedded, external, and inline CSS has been successfully implemented and verified .