

Experiment 2

Write JavaScript to validate the following fields of the Registration page.

- a) First Name (Name should contains alphabets and the length Should not be less than 6 characters).
- b) Password (Password should not be less than 6 characters length).
- c) E-mail id (should not contain any invalid 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).

CODE

```
<!DOCTYPE html>
<html>
<head>
  <title>Registration Validation</title>
</head>
<body>
  <form id="registrationForm" onsubmit="return validateForm()">
    <label>First Name:</label>
    <input type="text" id="firstName" /><br />

    <label>Last Name:</label>
    <input type="text" id="lastName" /><br />

    <label>Address:</label>
    <input type="text" id="address" /><br />

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

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

    <label>Mobile Number:</label>
    <input type="text" id="mobile" /><br />

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

  <script>
```

```
function validateForm() {
  const firstName = document.getElementById("firstName").value.trim();
  const lastName = document.getElementById("lastName").value.trim();
  const address = document.getElementById("address").value.trim();
  const password = document.getElementById("password").value.trim();
  const email = document.getElementById("email").value.trim();
  const mobile = document.getElementById("mobile").value.trim();

  const nameRegex = /^[A-Za-z]{6,}$/;
  const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
  const mobileRegex = /^\d{10}$/;

  if (!nameRegex.test(firstName)) {
    alert("First name must contain only alphabets and be at least 6 characters long.");
    return false;
  }

  if (lastName === "") {
    alert("Last name cannot be empty.");
    return false;
  }

  if (address === "") {
    alert("Address cannot be empty.");
    return false;
  }

  if (password.length < 6) {
    alert("Password must be at least 6 characters long.");
    return false;
  }

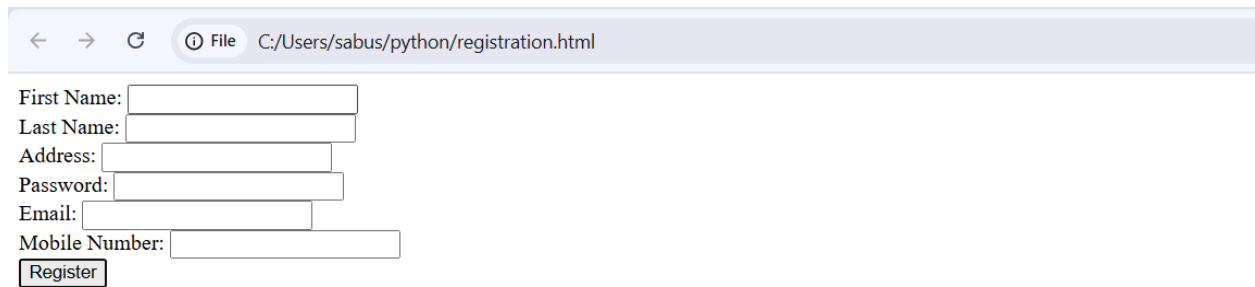
  if (!emailRegex.test(email)) {
    alert("Please enter a valid email address (e.g., name@domain.com).");
    return false;
  }

  if (!mobileRegex.test(mobile)) {
    alert("Mobile number must be exactly 10 digits.");
    return false;
  }

  alert("Form submitted successfully!");
  return true;
}
```

```
}  
</script>  
</body>  
</html>
```

OUTPUT



A screenshot of a web browser window displaying a registration form. The browser's address bar shows the file path `C:/Users/sabus/python/registration.html`. The form contains the following fields and a button:

- First Name:
- Last Name:
- Address:
- Password:
- Email:
- Mobile Number:
-