

Exp No: 2
Date: 19.2.25

REGISTRATION FORM

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>

  <style>

    .error-message {

      color: red;

      font-size: 14px;

      margin-top: 5px;

    }

    input{

      padding: 5px;

      border-radius: 6px;

      display: block;

    }

  </style>

</head>

<body style="display:flex; flex-direction: column; justify-content:
center; align-items: center;">

  <h1>REGISTRATION FORM</h1>

  <form name="RegForm" onsubmit="return validateForm()">
```

```
<p>

    <label for="firstname">First Name:</label>

    <input type="text" id="firstname" name="firstname"
placeholder="Enter First Name" required/>

    <span id="firstname-error" class="error-message"></span>

</p>

<p>

    <label for="password">Password:</label>

    <input type="password" id="password" name="password"
placeholder="Enter Password" required/>

    <span id="password-error" class="error-message"></span>

</p>

<p>

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

    <input type="text" id="email" name="email" placeholder="Enter
Email" required/>

    <span id="email-error" class="error-message"></span>

</p>

<p>

    <label for="phone">Phone Number:</label>

    <input type="tel" id="phone" name="phone" placeholder="Enter
Phone Number" required/>

    <span id="phone-error" class="error-message"></span>

</p>

<p>

    <label for="lastname">Last Name:</label>

    <input type="text" id="lastname" name="lastname"
placeholder="Enter Last Name" required/>

    <span id="lastname-error" class="error-message"></span>
```

```

    </p>

    <p>

        <label for="address">Address:</label>

        <textarea id="address" name="address" placeholder="Enter
Address" required></textarea>

        <span id="address-error" class="error-message"></span>

    </p>

    <p>

        <input type="submit" value="Submit" name="Submit" />

    </p>
</form>
<script>
    function validateForm() {

        let firstname = document.getElementById("firstname").value;

        let password = document.getElementById("password").value;

        let email = document.getElementById("email").value;

        let phone = document.getElementById("phone").value;

        let lastname = document.getElementById("lastname").value;

        let address = document.getElementById("address").value;

        const firstnameError = document.getElementById("firstname-
error");

        const passwordError = document.getElementById("password-
error");

        const emailError = document.getElementById("email-error");

        const phoneError = document.getElementById("phone-error");

        const lastnameError = document.getElementById("lastname-
error");

        const addressError = document.getElementById("address-error");

```

```

        firstnameError.textContent = "";
        passwordError.textContent = "";
        emailError.textContent = "";
        phoneError.textContent = "";
        lastnameError.textContent = "";
        addressError.textContent = "";

        let isValid = true;

        if(/^[^a-zA-Z]/.test(firstname))
        {
            firstnameError.textContent="First Name only contains
alphabet";
            isValid = false;
        }
        else if(firstname.length <= 6){
            firstnameError.textContent="First Name length not less
than 6 characters";
            isValid = false;
        }

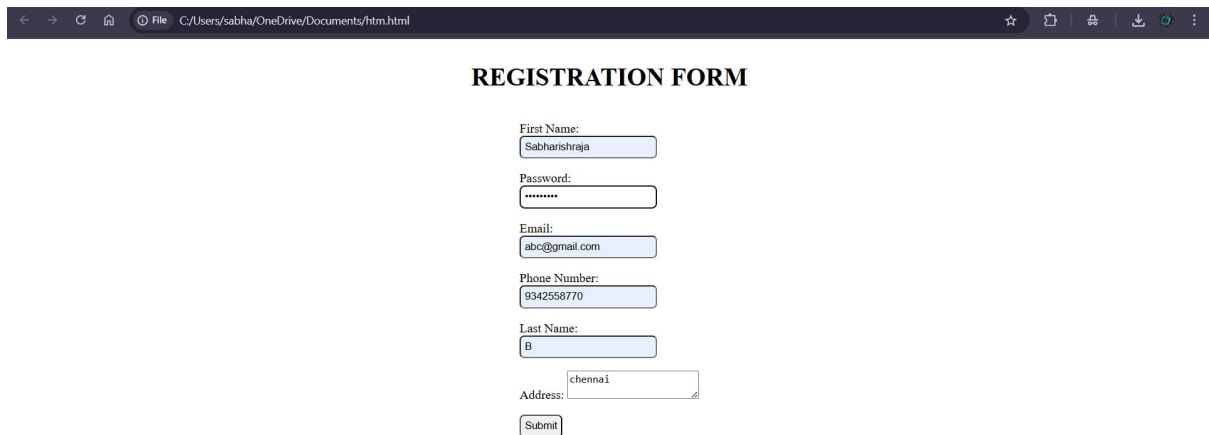
        if (password.length !=8) {
            passwordError.textContent = "Password must be between 8
and 30 characters.";
            isValid = false;
        }

        const emailPattern = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-
Z]{2,}$/;

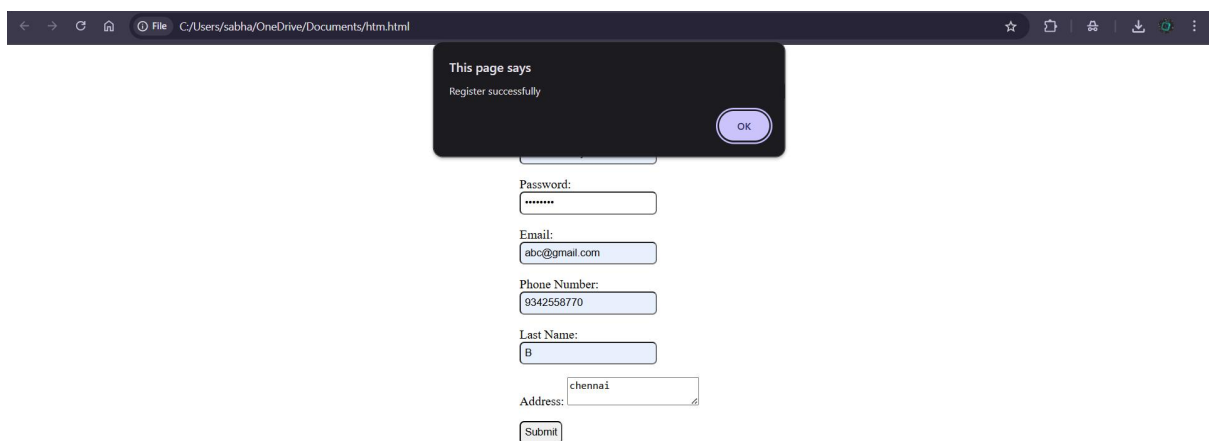
```

```
        if (!emailPattern.test(email)) {  
            emailError.textContent = "Please enter a valid email  
address.";   
            isvalid = false;  
        }  
        if(phone.length!=10){  
            phoneError.textContent = "Phone number length must be 10";  
            isvalid = false;  
        }  
  
        if(isvalid){  
            alert("Register successfully");  
            return true;  
        }  
        else{  
            return false;  
        }  
    }  
    </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/sabha/OneDrive/Documents/htm.html. The form is titled "REGISTRATION FORM" and contains the following fields: First Name (filled with "Sabharshraja"), Password (filled with "*****"), Email (filled with "abc@gmail.com"), Phone Number (filled with "9342558770"), Last Name (filled with "B"), and Address (filled with "chennai"). A "Submit" button is located at the bottom of the form.



A screenshot of the same web browser window, but with a dark overlay box in the center. The overlay box contains the text "This page says" and "Register successfully", with an "OK" button. The registration form is visible in the background, but the "First Name" field is partially obscured by the overlay.

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 .