Exp No: 2	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
<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()">
```

```html
        <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>
```

```html
        <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:

REGISTRATION FORM

First Name:
Enter First Name

Password:
Enter Password

Email:
Enter Email

Phone Number:
Enter Phone Number

Last Name:
Enter Last Name

Address: Enter Address

Submit

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 .