

<b>Exp No: 2</b> <b>Date: 8.2.25</b>	<b>REGISTRATION FORM</b>
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**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](mailto: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.";
        invalid = false;
    }
    if(phone.length!=10){
        phoneError.textContent = "Phone number length must be 10";
        invalid = false;
    }

    if(invalid){
        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 .