

<b>Exp No: 2</b> <b>Date: 19.2.25</b>	<b>REGISTRATION FORM</b>
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### AIM:

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

- First Name ( Name should contain alphabets and the length should not be less than 6 characters)
- Password (Password should not be less than 6 characters length)
- Email id ( should not contain any invlaid and must follow the standard pattern [name@domain.com](mailto:name@domain.com))
- Mobile Number(phone number should contain 10 digits only )
- 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"

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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) {

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        passwordError.textContent = "Password must be
between 8 and 30 characters.";

        invalid = 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:

Password:

Email:

Phone Number:

Last Name:

Address:

#### Registration Form

First Name:

Password:

Email ID:

Mobile Number:

Last Name:

Address:

localhost:7750 says  
Form submitted successfully!

OK

**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 .