### EXPERIMENT 3:

Write a java script code to validate user registration and login form.

### PROCEDURE:

Use simple form template for your website and add the following steps

Step1: Bootstrap Form Layouts

Step2: Wrap labels and form controls in <div class="form-group">

Step3: Form controls automatically receive some global styling with Bootstrap:All

textual <input>, <textarea>, and <select> elements with class .form-control have a width of 100%.

Step4: Add a wrapper element with .form-group, around each form control, to ensure proper margins:

Step5: You can use different validation classes to provide valuable feedback to users.

Add either .was-validated or .needs-validation to the <form> element, depending on whether you want to provide validation feedback before or after submitting the form. The input fields will have a green (valid) or red (invalid) border to indicate what's missing in the form. You can also add a .valid-feedback or .invalid-feedback message to tell the user explicitly what's missing, or needs to be done before submitting the form.

Step6: Disable form submissions if there are invalid fields

**Source code:-**

Create folder week3 inside create two html files.

1 file registration.html

2 file success.html

3 file login.html

4 file success2.html

Add two images same folder.

**Code:-Registration.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Registration Page</title>

//css Design part

    <style>

        fieldset{

            width:500px;

            background-image:url(n1.jpg);

            background-repeat:no-repeat;

            background-size:cover;

        }

        table tr td{

            padding-top:6px;

            padding-bottom:6px;

        }

        body{

            color:white;

        }

    </style>

//validation using java script code

<script>

    function validate(){

        let fn=frm.fname.value;

        for(let x in fn){

           let ch=fn.charCodeAt(x);

            if(ch<65||ch>90 && ch<97||ch>122)

            {

                alert("Invalid firstname");

                return false;

            }

        }

        let fn1=frm.lname.value;

        for(let x in fn1){

           let ch=fn1.charCodeAt(x);

            if(ch<65||ch>90 && ch<97||ch>122)

            {

                alert("Invalid Lastname");

                return false;

            }

        }

        let phn=frm.phone.value;

        let len=phn.length;

        if(len!==10)

        {

            alert("phone no. should be exactly 10 digits");

            return false;

        }

        let reg="@";

        let mail=frm.email.value;

        if(reg.test(mail))

        {

            alert("Invalid mail");

            return false;

        }

        let p1=frm.pwd.value;

        let p2=p1.length;

        if(p2>8)

        {

          alert("Password should not exceed 8 digits");

          return false;

        }

        return true;

    }

</script>

</head>

//creating registration form

<body style="background-image:url(nature.jpg);background-repeat:no-repeat;background-size:cover">

    <center>

        <h2>Registration</h2>

<form name="frm" method="post" action="success.html" onSubmit="return validate()">

<fieldset>

    <table>

<tr><td>First Name:</td><td><input type="text" name="fname" value="" required/> </td></tr>

<tr><td>Last Name:</td><td><input type="text" name="lname" value="" required/> </td></tr>

<!--<label for="num">Phone No.:</label>

<input type="tel" name="Mobile" id="num" maxlength="10" placeholder="Enter user Mobile No." required />-->

<tr><td>Phone no.:</td><td><input type="number" name="phone" value="" required/> </td></tr>

<tr><td>Mail Id:</td><td><input type="email" name="mailid" value="" required/> </td></tr>

<tr><td>Gender:</td>

    <td>Male:<input type="radio" name="gender" value="male"/> </td>

    <td>Female:<input type="radio" name="gender" value="female"/> </td>

</tr>

<tr><td>DOB:</td><td><input type="date" name="dob" required/> </td></tr>

<tr><td>User Name:</td><td><input type="text" name="uname" value="" required/> </td></tr>

<tr><td>Password:</td><td><input type="password" name="pwd" value="" required/> </td></tr>

<tr><td>Age:</td><td><input type="number" name="age" value="" required/> </td></tr>

    </table>

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

   //login button if existing user

    <a href="login.html"><input type="button" value="login" name="submit"/></a>

</fieldset>

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</form>

    </center>

</body>

</html>

**Code:-Success.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h2>Registration Successfull</h2>

</body>

</html>

**Code:-login.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

//css Design part

    <style>

        fieldset{

            width:500px;

            background-image:url(nature.jpg);

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//validation using java script code

<script>

    function validate(){

        let p1=frm.pwd.value;

        let p2=p1.length;

        if(p2>8)

        {

          alert("Password should not exceed 8 digits");

          return false;

        }

        return true;

    }

</script>

</head>

//creating login form

<body style="background-image:url(n1.jpg);background-repeat:no-repeat;background-size:cover">

    <center>

        <h2>Login</h2>

<form name="frm" method="post" action="abc.html" onSubmit="return validate()">

<fieldset>

    <table>

<tr><td>User Name:</td><td><input type="text" name="uname" value="" required/> </td></tr>

<tr><td>Password:</td><td><input type="password" name="pwd" value="" required/> </td></tr>

</table>

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

//registration button if new user

    <a href="Registration.html"><input type="button" value="Registration" name="submit"/></a>

</fieldset>

<p>Copyright CMRIT\_2024</p>

</form>

    </center>

</body>

</html>

**Code:-Success2.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h2>Login Successfull</h2>

</body>

</html>