

**Experiment No:**

**Date:**

## **FORM VALIDATION USING JAVASCRIPT**

### **AIM**

Create a HTML registration form and to validate the form using JavaScript code.

### **SOURCE CODE**

#### **formvalidation.html**

```
<html>

<head>

    <title>Form Validation</title>

</head>

<style>

    table{

        background-color: white;

        margin-left: auto;

        margin-right: auto;

        margin-top: 1em;

        padding: 1em;

        box-shadow: 0 4px 10px 0 rgba(0,0,0,0.2), 0 4px 20px 0 rgba(0,0,0,0.19);

    }

    tr,td,th{

        padding: 1em;

        text-align: left;

    }

    .center th{

        text-align: center;

    }

    h2{

        text-align: center;

        margin-top: 2em;

        background-color: black;

        color: white;

    }

</style>

<body>
```

## <h2>FORM VALIDATION</h2>

<form name="form" action="" method="POST" onsubmit="return validateForm()">

<table>

<tr>

<th>Name</th>

<td><input type="text" name="fname"> </td>

</tr>

<tr>

<th>Email </th>

<td><input type="email" name="email"> </td>

</tr>

<tr>

<th>Mob NO </th>

<td><input type="tel" name="mob"> </td>

</tr>

<tr>

<th>Username </th>

<td><input type="text" name="user"> </td>

</tr>

<tr>

<th>Password </th>

<td><input type="password" name="passcode"> </td>

</tr>

<tr class="center">

<th colspan="2"><input type="submit" value="submit"></th>

</tr>

</table>

</form>

<script>

function validateForm() {

var fname = document.form.fname.value;

var mob = document.form.mob.value;

var user = document.form.user.value;

var passcode = document.form.passcode.value;

```

var re = /^(?=\d)(?=[!@#$%^&*])(?=[a-z])(?=[A-Z]).{8,}$/;
var ren = /[0-9!@#$%^&*]/

if (fname == "") {

    alert("Enter First Name !!");

    document.form.fname.focus();

    return false;

}

else if(ren.test(fname)){

    alert("Enter Valid Name !!");

    document.form.fname.focus();

    return false;

}

if (mob == "") {

    alert("Enter Mobile number");

    return false;

}

else if (isNaN(mob)) {

    alert("Enter valid Mobile number");

    return false;

}

else if (mob.length != 10) {

    alert("Enter Mobile number with 10 digit");

    return false;

}

if (user == "") {

    alert("Enter User Name !!");

    document.form.user.focus();

    return false;

}

if (passcode == "" || passcode.length < 8 || !re.test(passcode)) {

    alert("Enter minimum 8 digit Password !!" + "\n" + "Atleast one Lowercase & uppercase & digit & special charecter must be included");

    document.form.passcode.focus();

    return false;

}

```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

## OUTPUT

### FORM VALIDATION

Name	<input type="text" value="John"/>
Email	<input type="text" value="john@gmail.com"/>
Mob NO	<input type="text" value="1254532524"/>
Username	<input type="text" value="John"/>
Password	<input type="password" value="****"/>
<input type="button" value="submit"/>	

This page says

Enter Mobile number with 10 digit

OK

Name	<input type="text" value="asld"/>
Email	<input type="text" value="asdfg@gmail.com"/>
Mob NO	<input type="text" value="123456734567"/>
Username	<input type="text" value="hello"/>
Password	<input type="password" value="*****"/>
<input type="button" value="submit"/>	