**Practical No. 6**

**Aim: Design a JavaScript code for Performing various Validation Operations such as:**

1.Number Validation

2.Password Validation

3.Re-Pass Validation

4.E-mail Validation

5.Phone Number Validation

**6.1 Number Validation**

**Program:**

<html>

<head>

<script>

function validNum()

{

var num=document.myForm.num.value;

if(isNaN(num))

{

document.write("Enter numberic value only");

}

else

{

document.write("Entered correct value");

}

}

</script>

</head>

<body>

<h1>Number Validation</h1>

<h3>Enter Here number</h3>

<form name="myForm">

<input type="text" name="num">

<br>

<br>

<input type="button" value="click here" onclick="validNum()">

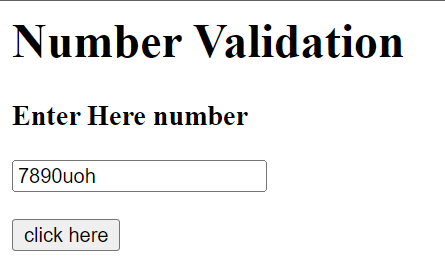
</form>

</body>

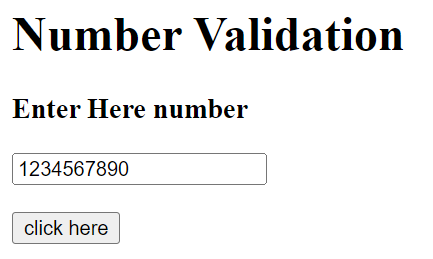
<html>

**First Output:**

**If I enterded invalid number which is combination of letter and number then**

After entered correct number

**6.3 Password Validation**

**Program:**

<html>

<head>

<script>

function validteLogin()

{

var name=document.myForm.name.value;

var pwd=document.myForm.password.value;

if(name==null||pwd=="")

{

alert("Name and password can't be blank ");

return false;

}

else if(pwd.length<6)

{

alert("Password must be atlest 6 characters long");

return false;

}

else

{

alert("Login succefully");

return true;

}

}

</script>

</head>

<body>

<h2>Password validation using javaScript</h2>

<form name="myForm">

<label><br>Enter name<br></label>

<input type="text" name="name">

<label><br>Enter password<br></label>

<input type="password" name="password">

<br><br>

<input type="button" onclick="validteLogin()" value="Click here">

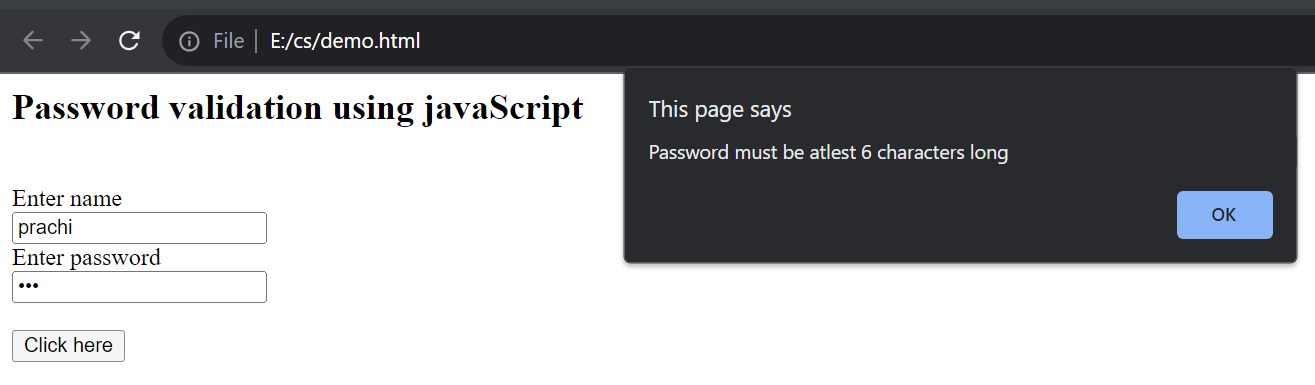
</form>

</body>

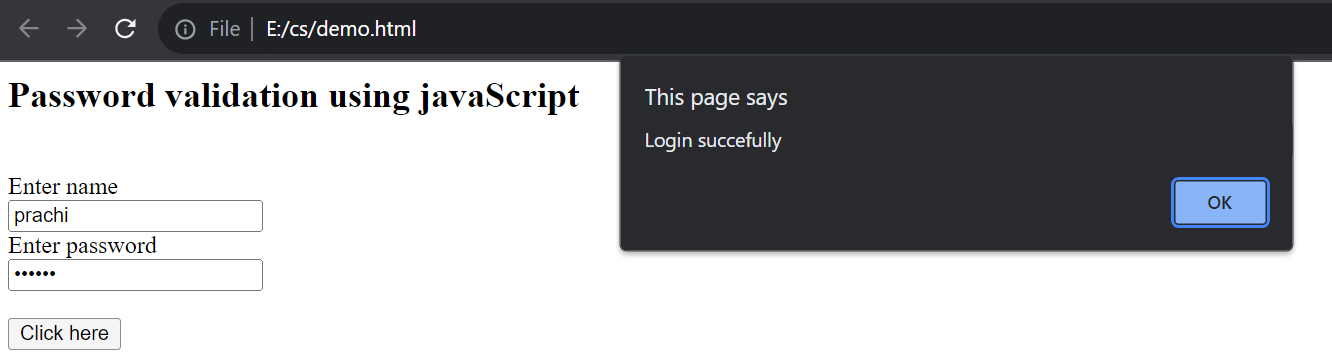
</html>

**Output:**

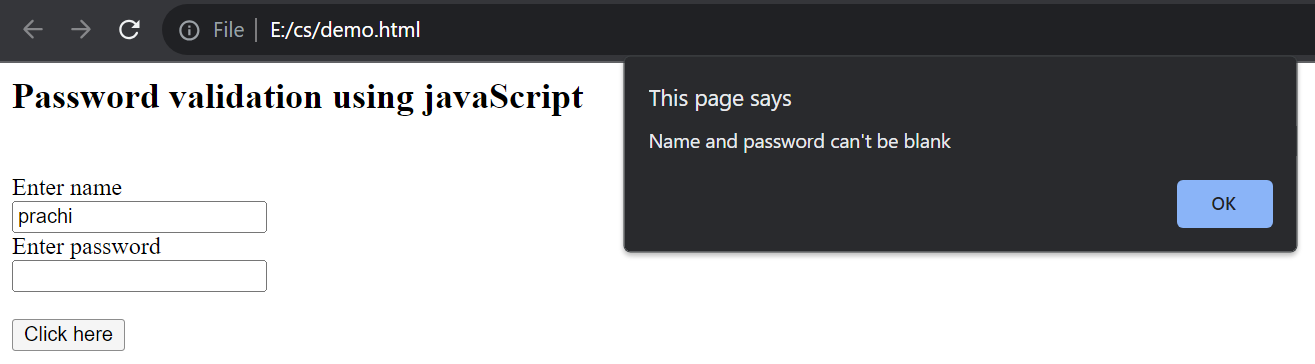
When I entered password below the given limit



After entered correct password



Only entered name then



**6.3 Re\_Password Validation**

**Program:**

<html>

<head>

<title>Pass validation</title>

<script>

function retype\_pass()

{

var firstpwd=document.f1.password.value;

var secondpwd=document.f1.password2.value;

if(firstpwd==secondpwd)

{

alert("Entered correct password");

return true;

}

else

{

alert("Password must be same");

return false;

}

}

</script>

</head>

<body>

<h1>Password Validation</h1>

<h3>Enter Here Password</h3>

<form name="f1">

<input type="password" name="password">

<label><br>retype password</label>

<br>

<br>

<input type="password" name="password2">

<br><br>

<input type="button" onclick="retype\_pass()" value="Click here">

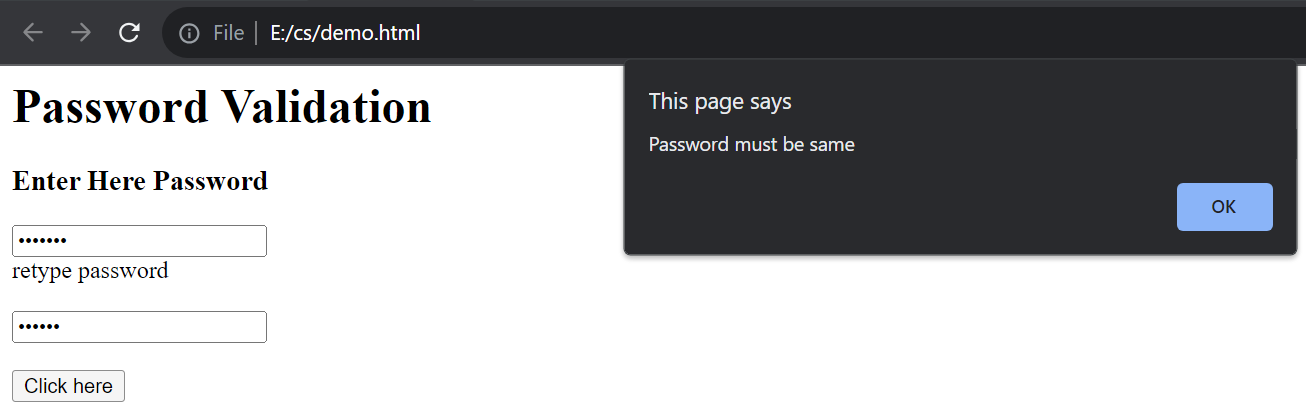
</form>

</body>

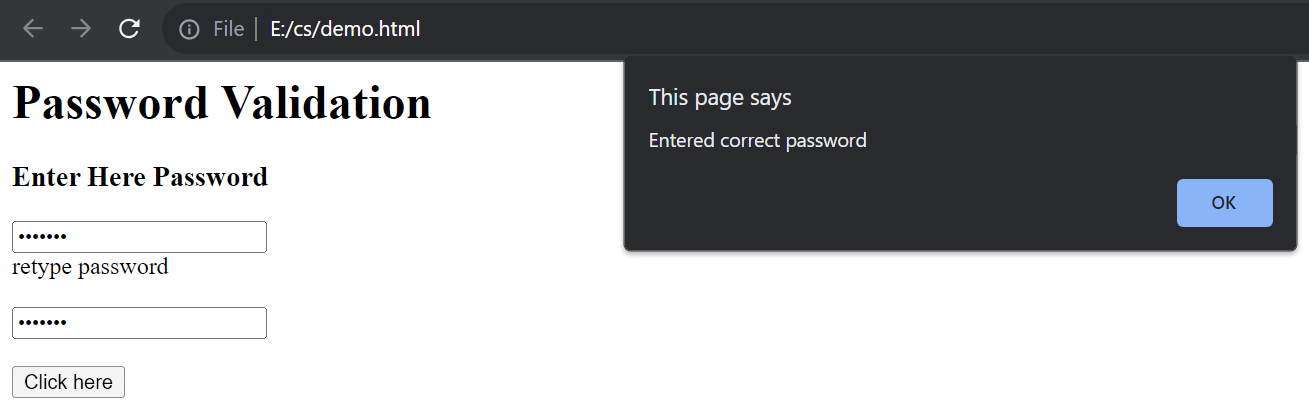
</html>

**Output:**

**When password is not same**



When password is match



**6.4 E-mail Validation**

**Program:**

<HTML>

<head>

<script>

function validateemail()

{

var x=document.myform.email.value;

var atposition=x.indexOf("@");

var dotposition=x.lastIndexOf(".");

if(atposition<1 || dotposition<atposition+2 ||dotposition+2>=x.length)

{

alert("please enter valid e-mail address \n atposition:"+atposition+"\n dotposition:"+dotposition);

return false;

}

else

{

alert("you have entered correct e-mail address");

}

}

</script>

</head>

<body>

<h2>Email validation using Javascript</h2>

<h4>Enter here Email:</h4>

<form name="myform">

<input type="text" name="email">

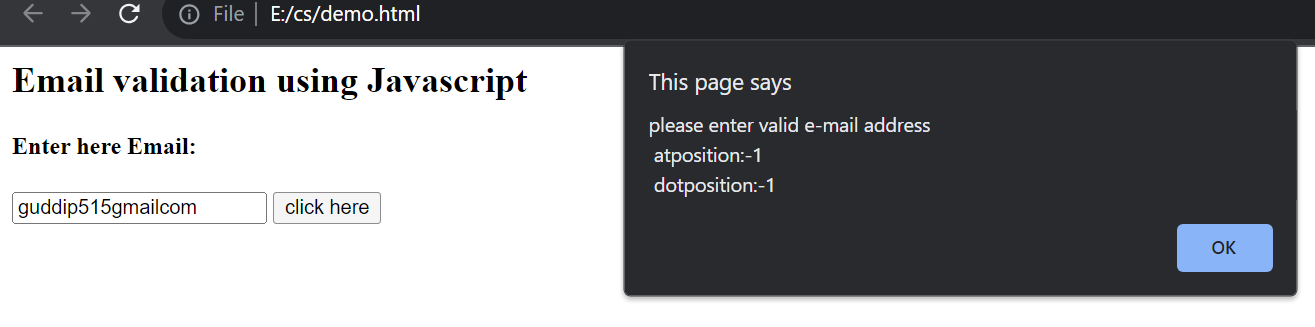
<input type="button" value="click here"onclick="validateemail()">

</form>

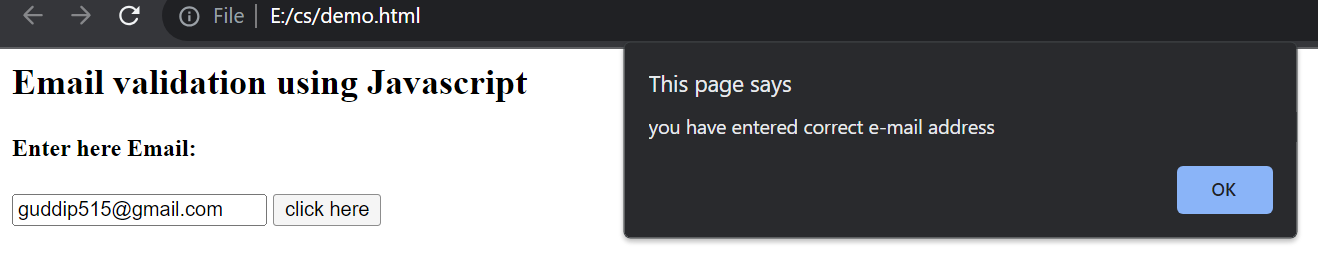
</body>

</HTML>

**Output:**

when entered invalid email

And when entered correct email address

**6.5 Phone Number Validation**

**Program:**

<!DOCTYPE html>

<HTML>

<head>

<script>

function phone()

{

var ph=document.myForm.num.value;

if(ph=="")

{

alert("Enter the phone number!!!!")

}

else if(isNaN(ph))

{

alert("invalid number!!!!")

}

else if(ph.length<10)

{

alert("phone number must be have 10 digits!!!!")

}

else

{

alert("Entered correct number")

}

}

</script>

</head>

<body>

<h2>Phone number validation using JavaScript</h2>

<form name="myForm">

<h4>Enter here Phone\_number:<br></h4>

<input type="text" id="num">

<br><br>

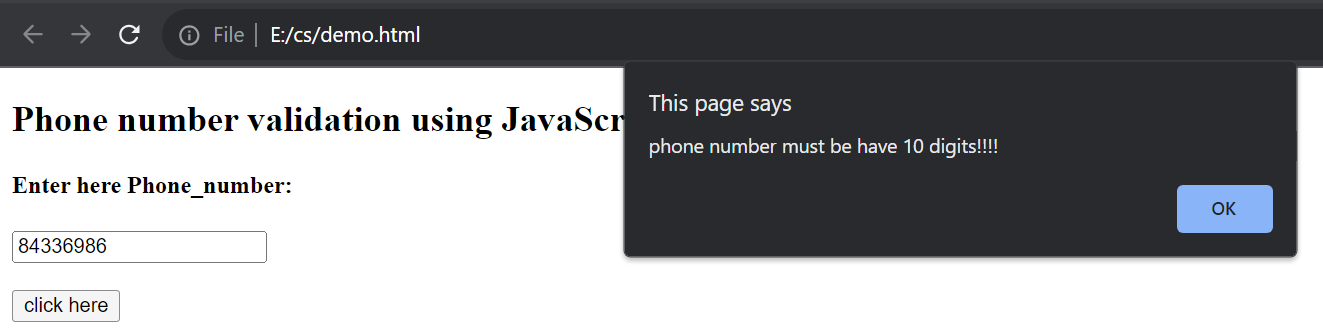
<input type="button" onclick="phone()" value="click here">

</body>

</HTML>

**Output:**

**When entered invalid number**



When entered correct number

