

# Internet and Web Programming

## Lab Assignment 3

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**Name: Om Ashish Mishra**

**Registration Number: 16BCE0789**

**Slot: E2**

i) Create a page with JavaScript to do the following. These can all be on one page.

(a) Prompt the user for their name.

(b) Use a pop-up box to welcome the user by name.

(c) Display the current date on the page in the following format:

April 30, 2018.

**Do not display the time.**

(d) Display the last modified date of the document.

(e) Put some useful advice, on any subject, in the status line of the browser.

ii) Create a User Registration form with First Name, Last name, Address, City, State, Country, Pincode,

Username and Password fields for a General login webpage and satisfy the following criteria

**Create validate ( ) function for the following fields.**

(a) Checks that the First Name, Last Name, City, Country, Username, and Password1 fields are filled out.

(b) Checks that the Pincode is exactly 6 numeric's.

(c) Checks that the state is exactly two characters.

(d) Checks that the email is a valid email address.

- false if email has fewer than 6 characters
- false if email does not contain an @ symbol
- false if email does not contain a period (.)
- true otherwise

### The Code:

```
<!DOCTYPE html>

<html>

<head>

    <title>The Javascript in Use!!</title>

    <style type="text/css">

        body{

            background-color: yellow;

            border: 10px solid red;

            padding: 10px;

        }

    </style>

</head>
```

```
<body>

<h1><center>The JavaScript is used !!</center></h1>

<p id="n"></p>

<script type="text/javascript">

    function om(){

        alert("Welcome to the page of Javascript Usage!!");

        var x = window.prompt("Enter Your Name : ", "Om Ashish Mishra");

        if(x== null || x== "")

        {

            document.write("The name is missing!!");

        }

        else

        {

            document.write("Hi, "+x+" is my name.");

        }

    }

    om();


    function om1()

    {

        var d = new Date(Date.now());


        var mn =
["January", "Februray", "March", "April", "May", "June", "July", "August", "September", "October", "Novembe
r", "December"];

        var year = d.getFullYear();
```

```
var monthid = d.getMonth();

var month = mn[monthid];

var day = d.getDate();

if (day<10)

{

    day = "0" + day;

}

document.write("<br>" + month + " " + day + ", " + year);

}

om1();


function om2()

{

    var x = new Date(document.lastModified);

    document.getElementById('n').innerHTML = "Last Modified Date is : " + x;

}

om2();


function om3(input){

    window.status = input;

    document.write("<br>" + window.status);

    return true;

}

var txt = "Good King Never Dies!!";

om3(txt);
```

```
function validate(){  
    //alert("I'm here")  
    var pincode1=document.getElementById("pin").value;  
    var state1=document.getElementById("s").value;  
    var email1=document.getElementById("E").value;  
    if(pincode1.length!=6){  
        var str="Invalid Pincode"  
    }  
    else{  
        //var str="Valid Pincode"  
    }  
    document.getElementById("pin").innerHTML=str;  
    if(state1.length!=2){  
        var str="Invalid State"  
    }  
    else{  
        //var str="Valid State"  
    }  
    document.getElementById("s").innerHTML=str;  
  
    if(email1.indexOf("@")<0 || email1.indexOf(".")<0 || email1.length<6){  
  
        var str="Invalid Email";
```

```
}

else{

    //var str="Valid Email";

}

document.getElementById("E").innerHTML=str;

}

</script>

<br><br>

<form action="one.html" method="GET">

    <div>

        <label for="1st">First Name:</label><input type="text" name="first name" placeholder="John"
id="1st" required="true">

        <label for="2nd">Last Name:</label><input type="text" name="first name"
placeholder="Smith" id="2nd" required="true">

    </div>

    <div>

        <label for="ad">Address:</label>

        <br>

        <textarea name="address" placeholder="Write Your address here!!" id="ad" required="true"
style="margin: 0px; width: 492px; height: 51px;"></textarea>

        <br>

        <label for="c">City:</label><input type="text" name="city" placeholder="Kolkata" id="c"
required="true">

        <label for="s">State:</label><input type="text" name="state" placeholder="WB" id="s"
required="true" pattern="[A-Z a-z]{2}" size="2">

        <label for="co">Country:</label><input type="text" name="country" placeholder="India"
id="co" required="true">
```

```
<label for="co">Pincode:</label><input type="text" name="pincode" placeholder="700075"
id="pin" required="true" pattern="(?.*[0-9]).{6}" size="6">
```

```
</div>
```

```
<div>
```

```
<label for="us">Username:</label><input type="text" name="first name"
placeholder="JS100" id="us" required="true">
```

```
</div>
```

```
<div>
```

```
<label for="m">Male </label><input type="radio" name="Gender" id="m" value="MALE">
```

```
<label for="f">Female </label><input type="radio" name="Gender" id="f" value="FEMALE">
```

```
<label for="o">Other </label><input type="radio" name="Gender" id="o" value="OTHERS">
```

```
</div>
```

```
<div>
```

```
<label for="E">Email: </label><input type="email" name="email" id="E" placeholder="your
email" required="true" pattern="[a-z0-9._%+-].{6,}+@[a-z0-9.-]+.[a-z]{2,3}$" >
```

```
<label for="P">Password: </label><input type="password" name="password" id="P"
placeholder="your password" required="true" pattern=".{5,10}" title="Password must be between 5
and 10 charaters">
```

```
</div>
```

```
<div>
```

```
<label for="A">I agree tp the terms and conditions </label><input type="checkbox" id="A"
required="true">
```

```
</div>
```

```
<input type="submit" name="submit" onclick="validate()">
```

```
<br>
```

```
</form>
```

```
<hr>
```

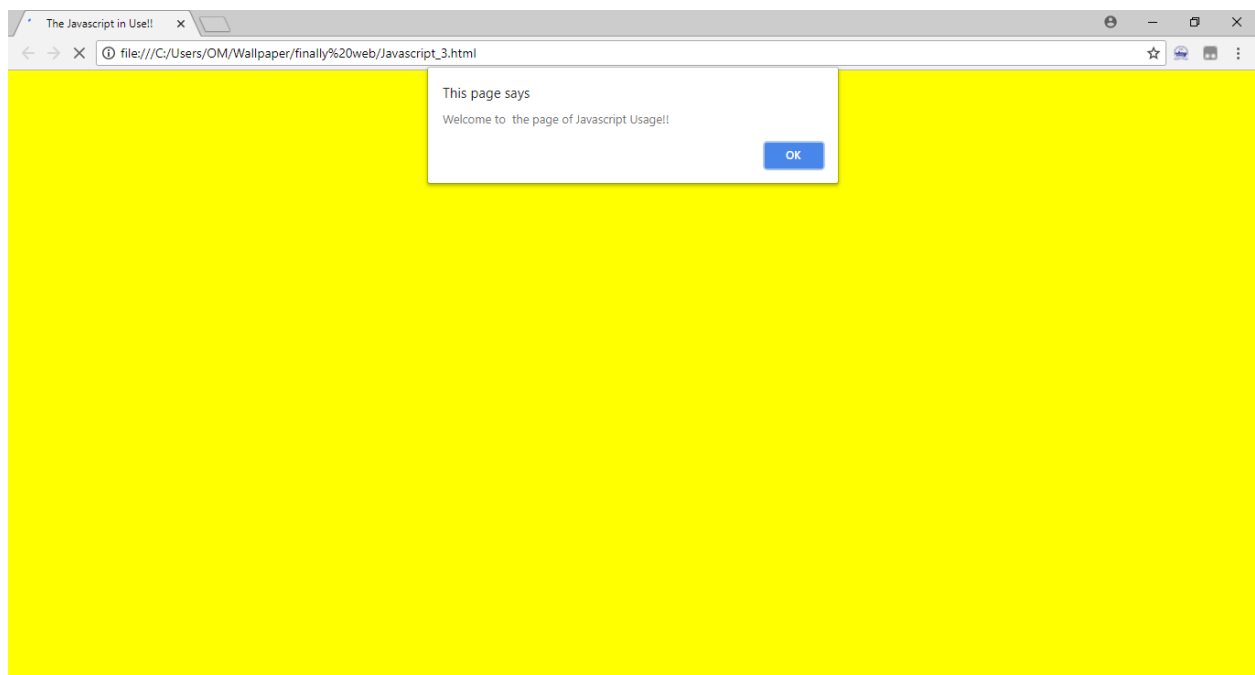
```
<h1> Om Ashish Mishra - 16BCE0789 </h1>
```

```
</body>
```

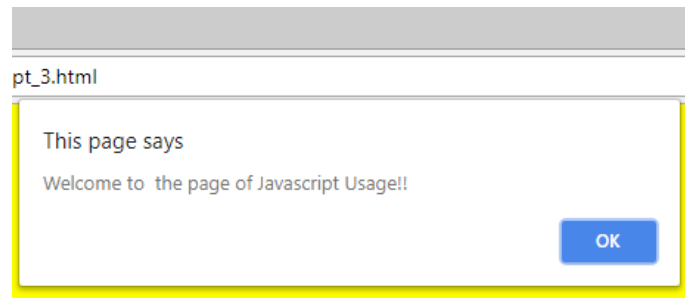
```
</html>
```

## The Output:

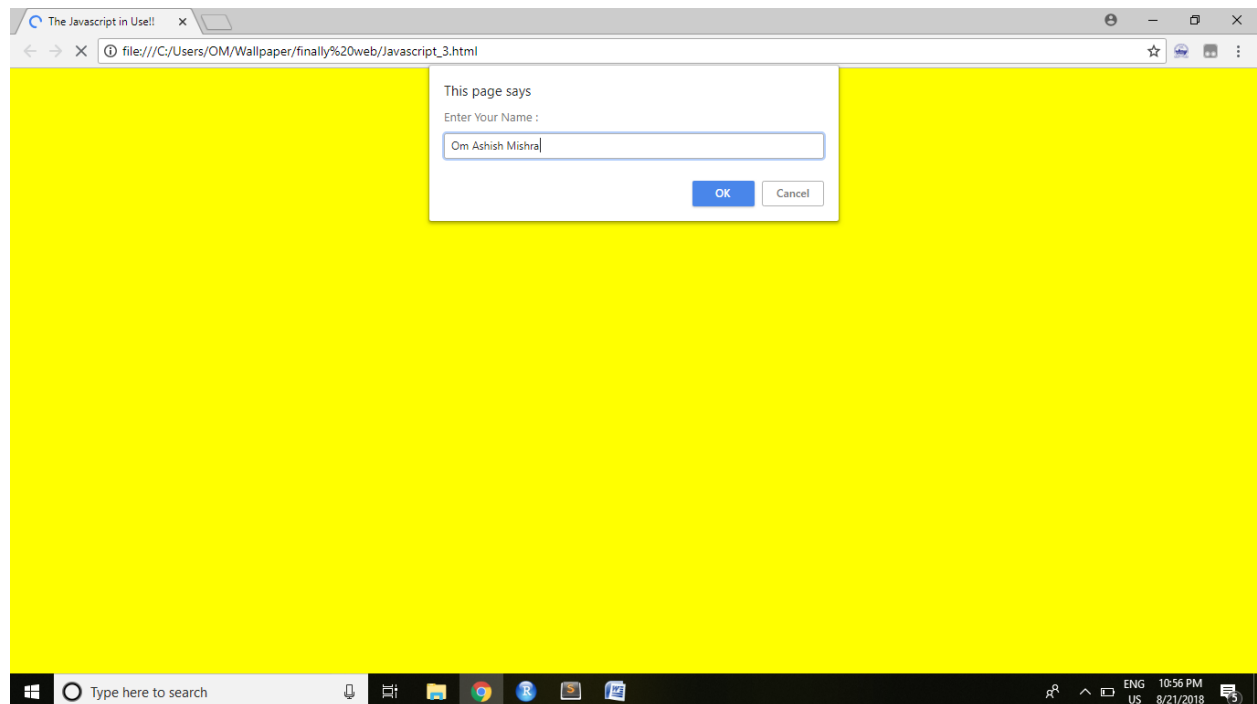
### The Alert Of Welcome

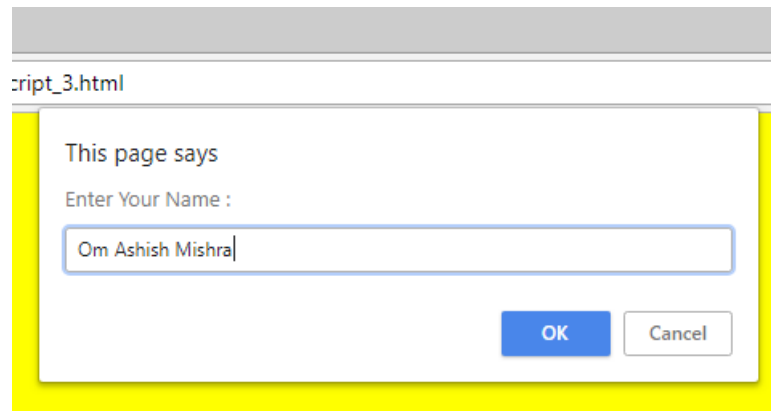






## On Pressing “OK”





After Entering Name:

The JavaScript is used !!

Last Modified Date is : Tue Aug 21 2018 22:57:56 GMT+0530 (India Standard Time)

Hi, Om Ashish Mishra is my name.  
August 21, 2018  
Good King Never Dies!!

First Name:JohnLast Name:Smith

Address:  
Write Your address here!!

City:KolkataState:WBCountry:IndiaPincode:700075

Username:JS100

Male ☐ Female ☐ Other ☐

Email: your emailPassword: your password

I agree tp the terms and conditions ☐

Submit

Om Ashish Mishra - 16BCE0789

## Modified Date

Last Modified Date is : Tue Aug 21 2018 22:57:56 GMT+0530 (India Standard Time)

## Name Display through Prompt:

Hi, Om Ashish Mishra is my name.

## The date shown:

August 21, 2018

## The quote that should appear on status bar:

Good King Never Dies!!

## The Form with of Validation Done:

First Name:	<input type="text" value="Om"/>	Last Name:	<input type="text" value="Mishra"/>
Address: <input type="text" value="Katpadi,Vellore"/>			
City:	<input type="text" value="Vellore"/>	State:	<input type="text" value="TN"/>
Country:	<input type="text" value="India"/>	Pincode:	<input type="text" value="632014"/>
Username: <input type="text" value="OmAshish100"/>			
Male <input checked="" type="radio"/> Female <input type="radio"/> Other <input type="radio"/>			
Email:	<input type="text" value="omashish100@gmail.com"/>	Password:	<input type="password" value="*****"/>
I agree tp the terms and conditions <input checked="" type="checkbox"/>			
<input type="button" value="Submit"/>			