**LAB # 12**

**Working with JavaScript Popup boxes**

## **Introduction**

JavaScript has three kind of popup boxes: Alert box, Confirm box, and Prompt box. We are going to emphasize on the Alert and Prompt boxes.

**ALERT BOX**

An alert box is often used if you want to make sure information comes through to the user. When an alert box pops up, the user will have to click "OK" to proceed.

Syntax : **window.alert("sometext");**

The window.alert method can be written without the window prefix. Implement the code below on your notepad.

EXAMPLE

<!DOCTYPE html>

<html>

<head>

<script>

function myFunction()

{

alert("I am an alert box!");

}

</script>

</head>

<body>

<input type="button" onclick="myFunction()" value="Show alert box">

</body>

</html>

**PROMPT BOX**

A prompt box is often used if you want the user to input a value before entering a page. When a prompt box pops up, the user will have to click either "OK" or "Cancel" to proceed after entering an input value. If the user clicks "OK" the box returns the input value. If the user clicks "Cancel" the box returns null.

Syntax

**window.prompt("sometext","defaultvalue");**

The window.prompt() method can be written without the window prefix.

EXAMPLE

var name=prompt("Please enter your name","Harry Potter");

if (name!=null && name!="")

 {

 document.write("Hello " + name + "! How are you today?");

 }

<!DOCTYPE html>

<html>

<head>

<script>

function myFunction() {

 document.getElementById("demo").innerHTML = "Hello World";

}

</script>

</head>

<body>

<p>Click the button to trigger a function.</p>

<button onclick="myFunction()">Click me</button>

<p id="demo"></p>

</body>

</html>

**Output:**



## **Lab Tasks**

**Task #01:** Create a temperature converter using JavaScript. Then apply formula to convert Fahrenheit to Celsius.

**Formula:**

* **Celsius = (Fahrenheit -32) \* 5 / 9;**



**Task # 02:** Take two inputs from user using prompt box. Ask user to choose any one of the following operation.

1. addition
2. subtraction
3. multiplication
4. division

Final result should look like this:



Hint (Convert **String** to **Int** ) :

var val1= prompt("Enter the Value of a : ", 0);

var val2= prompt("Enter the Value of b : ", 0);

var a=parseInt(val1);

var b=parseInt(val2);