علوم الحاسب

الفرقة الثانية

Lab #5

برمجة الويب

Web Programming

```
<html>
<head>
<script type="text/javascript">
    document.write ("Welcome");
</script>
</head>
</html>
```

Note: You can use CSS in side Java Script.

```
document.writeln( "<FONT COLOR='magenta' size=3><H1>Welcome to ","
Welcome</H1></FONT>" );
```

```
<!DOCTYPE html>
<HTML>
<HEAD>
<TITLE> Using document.write </TITLE>
<SCRIPT TYPE="text/javascript">
document.write ("<H1>Welcome to");
document.writeln("JavaScript Programming!</H1>" );
</SCRIPT>
</HEAD>
<BODY>
</BODY>
</HTML>
```

Welcome to JavaScript Programming!

Write java Script code to print welcome to java script in alert.

```
<HTML>
<HEAD>
<TITLE> ALert </TITLE>
<SCRIPT TYPE="text/javascript">
window.alert( "Welcome to\nJavaScript\nProgramming!" );
</SCRIPT>
</HEAD>
<BODY>
<P>Click Refresh (or Reload) to run this script again.</P>
</BODY>
</HTML>
```

Q4. **Write java script code to accept two numbers from user then display sum**

```
<HTML>
<HEAD>
<TITLE> JavaScript </TITLE>
<SCRIPT TYPE="text/javascript">
    var firstNumber, secondNumber, number1, number2, sum;
    firstNumber = window.prompt("Enter first integer", "0" );
    secondNumber = window.prompt( "Enter second integer", "0" );
    firstNumber = parseInt(firstNumber);
    number2 = parseInt( secondNumber );
    sum = firstNumber + number2;
    document.writeln( "<H1>The sum is " + sum + "</H1>" );
</SCRIPT>
</HEAD>
<BODY>
</BODY>
</HTML>
```

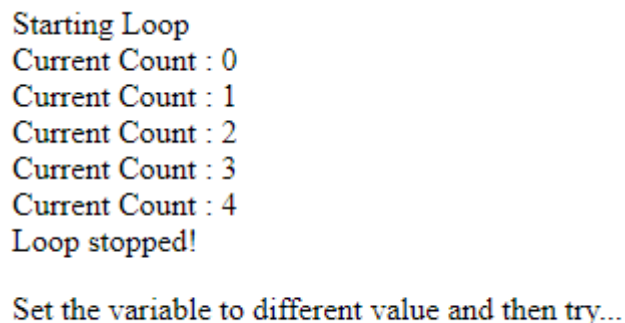**Random Numbers**

3	3	5	2	4
3	4	4	6	5
5	2	1	3	1
6	2	6	5	6

```
<!DOCTYPE HTML>
<HTML>
<HEAD>
<TITLE> Using window.alert </TITLE>
<SCRIPT TYPE="text/javascript">
    var value;
    document.writeln( "<H1>Random Numbers</H1>" +
        "<TABLE BORDER = '1' WIDTH = '50%'> <TR>" );
    for ( var i = 1; i <= 20; i++ )
    {
        value = Math.floor( 1 + Math.random() * 6 );
        document.writeln( "<TD>" + value + "</TD>" );
        if ( i % 5 == 0 && i != 20 )
            document.writeln( "</TR><TR>" );
    }
    document.writeln( "</TR></TABLE>" );
    </SCRIPT>
</HEAD>
<BODY>
</BODY>
</HTML>
```

```
<script type="text/javascript">
var count = 0;
document.write("Starting Loop" + "<br />");
do{
    document.write("Current Count : " + count + "<br />");
    count++;
}while (count < 5);
document.write ("Loop stopped!");
</script>
```

```
Starting Loop
Current Count : 0
Current Count : 1
Current Count : 2
Current Count : 3
Current Count : 4
Loop stopped!

Set the variable to different value and then try...
```

```
<script type="text/javascript">
var aProperty;
document.write("Navigator Object Properties<br /> ");
for (aProperty in navigator)
{
    document.write(aProperty);
    document.write("<br />");
}
document.write ("Exiting from the loop!");
</script>
```

```
First number: 10
Second number: 20
Third number: 30
Maximum is: 30
```

```html
<html>
<body>

    <SCRIPT TYPE = "text/javascript">
        var input1 = window.prompt( "Enter first number", "0" );
        var input2 = window.prompt( "Enter second number", "0" );
        var input3 = window.prompt( "Enter third number", "0" );
        var value1 = parseFloat( input1 );
        var value2 = parseFloat( input2 );
        var value3 = parseFloat( input3 );
        var maxValue = maximum( value1, value2, value3 );
        document.writeln( "First number: " + value1 +
        "<BR>Second number: " + value2 +
        "<BR>Third number: " + value3 +
        "<BR>Maximum is: " + maxValue );
        function maximum( x, y, z ) {
        var max =x;
        if (max<y)
        {max=y;}
        if (max<z)
        {max=z;}
        return max;
        }
    </SCRIPT>
</body>
</html>
```

```
<head>
<script type="text/javascript">
function sayHello(name, age)
{
    document.write (name + " is " + age + " years old.");
}
</script>
</head>
<body onload="sayHello('ali', 7)">
</body>
```

```
<head>
<script type="text/javascript">
function welcome(){
        var x;
        x=document.getElementById("t1").value;
        x= x+ "You are welcome ";
        alert(x);
}
</script>
</head>
<body>
<form action="first.html" method="Get">
<p>Enter your name:
<input type="text" id="t1" name="t1" maxlength="50">
<input type="Button" name="b1" value="Click" onClick="welcome()"> <br>
</form>
</body>
```