

# Assignment

## (a) Demonstrate Event and Event Handlers in javascript.

### Click Event

**Input:**

```
<html>
<head> Click Event </head>
<body>
<script language="Javascript" type="text/Javascript">
    <!--
    function clickevent()
    {
        document.write("This is click event");
    }
    //-->
</script>
<form>
<input type="button" onclick="clickevent()" value="Who's this?"/>
</form>
</body>
</html>
```

**Output:**

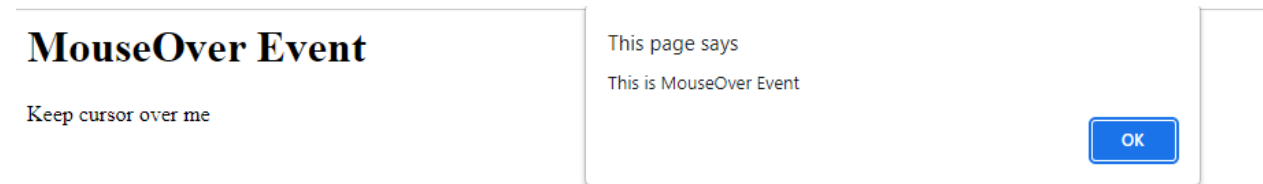


## MouseOver Event

### Input:

```
<html>
<head>
<h1> MouseOver Event </h1>
</head>
<body>
<script language="Javascript" type="text/Javascript">
    <!--
    function mouseoverevent()
    {
        alert("This is MouseOver Event");
    }
    //-->
</script>
<p onmouseover="mouseoverevent()"> Keep cursor over me</p>
</body>
</html>
```

### Output:



## Focus Event

### Input:

```
<html>
<head>Focus Event</head>
<body>
<h2> Enter something here</h2>
<input type="text" id="input1" onfocus="focusevent()"/>
<script>
<!--
    function focusevent()
    {
```

```
        document.getElementById("input1").style.background=" aqua";
    }
//-->
</script>
</body>
</html>
```

**Output:**

**Enter something here**

hello

## Keydown Event

**Input:**

```
<html>
<head> Keydown Event</head>
<body>
<h2> Enter something here</h2>
<input type="text" id="input1" onkeydown="keydownevent()"/>
<script>
<!--
    function keydownevent()
    {
        document.getElementById("input1");
        alert("Pressed a key");
    }
//-->
</script>
</body>
</html>
```

**Output:**

Keydown Event

**Enter something here**

This page says

Pressed a key

OK

## Load event

### Input:

```
<html>
<head>Load event</head>
</br>
<body onload="window.alert('Page successfully loaded');">
<script>
<!--
document.write("The page is loaded successfully");
//-->
</script>
</body>
</html>
```

### Output:

Load event  
The page is loaded successfully

This page says  
Page successfully loaded

OK

(b) Write a JavaScript to calculate the Multiplication of two numbers. Conditions :  
(a) Create HTML Page. (b) Use Onclick event.

### Input:

```
<html>
  <form>
    1st Number : <input type="text" id="firstNumber" /><br>
    2nd Number: <input type="text" id="secondNumber" /><br>
```

```
        <input type="button" onClick="multiplyBy()" Value="Multiply" />
    </form>
    <p>The Result is : <br> <span id = "result"></span></p>
    <script>
        function multiplyBy()
        {
            num1 = document.getElementById("firstNumber").value;
            num2 = document.getElementById("secondNumber").value;
            document.getElementById("result").innerHTML = num1 * num2;
        }
    </script>
</html>
```

**Output:**

---

1st Number :

2nd Number:

The Result is :  
4