

## JavaScript Events

The change in the state of an object is known as an **Event**. In html, there are various events which represents that some activity is performed by the user or by the browser. When **javascript**

code is included in **HTML**, js react over these events and allow the execution. This process of reacting over the events is called **Event Handling**. Thus, js handles the HTML events via **Event Handlers**.

### Types of Javascript Events

1. Click Events
2. Mouse Over events
3. Focus Events
4. Keyword Down Events
5. Load Events

## Example of Click Event

```
1. <html>
2. <head> Javascript Events </head>
3. <body>
4. <script language="Javascript" type="text/Javascript">
5.     <!--
6.     function a()
7.     {
8.         document.write("This is JavaTpoint");
9.     }
10.    //-->
11. </script>
12. <form>
13. <input type="button" onclick="a()" value="Who's this?"/>
14. </form>
15. </body>
16. </html>
```

## Example of Mouse Over Event

```
1. <html>
2. <head>
3. <h1> Javascript Events </h1>
4. </head>
5. <body>
6. <script language="Javascript" type="text/Javascript">
7.     <!--
8.     function mouseoverevent()
9.     {
10.         alert("This is JavaTpoint");
11.     }
12.     //-->
13. </script>
14. <p onmouseover="mouseoverevent()"> Keep cursor over me</p>
15. </body>
16. </html>
```

## Example of Focus Event

```
1. <html>
2. <head> Javascript Events</head>
3. <body>
4. <h2> Enter something here</h2>
5. <input type="text" id="input1" onfocus="focusevent()"/>
6. <script>
7. <!--
8.     function focusevent()
9.     {
10.         document.getElementById("input1").style.background=" aqua";
11.     }
12. //-->
13. </script>
14. </body>
15. </html>
```

## Example of Keydown Event

```
1. <html>
2. <head> Javascript Events</head>
3. <body>
4. <h2> Enter something here</h2>
5. <input type="text" id="input1" onkeydown="keydownevent()"/>
6. <script>
7. <!--
8.     function keydownevent()
9.     {
10.         document.getElementById("input1");
11.         alert("Pressed a key");
12.     }
13. //-->
14. </script>
15. </body>
16. </html>
```

## Example of Load Events

1. `<html>`
2. `<head>` Javascript Events `</head>`
3. `</br>`
4. `<body onload="window.alert('Page successfully loaded');">`
5. `<script>`
6. `<!--`
7. `document.write("The page is loaded successfully");`
8. `//-->`
9. `</script>`
10. `</body>`
11. `</html>`