Events in JS :

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

Mouse Events :

|  |  |  |
| --- | --- | --- |
| Event Performed | Event Handler | Description |
| 1. click | onclick | When mouse click on an element |
| 1. mouseover | onmouseover | When the cursor of the mouse comes over the element |
| 1. mouseout | onmouseout | When the cursor of the mouse leaves an element |
| 1. mousedown | onmousedown | When themusson button is pressed over the element |
| 1. mouseup | onmouseup | When the mouse button is released over the element |
| 1. mousemove | onmousemove | When the mouse movement takes place |

Note : mouseover and mousemove is almost same.

Keyboard Events :

|  |  |  |
| --- | --- | --- |
| Event Performed | Event Handler | Description |
| 1. Keydown | onkeydown | When the user press and then release the key |
| 1. Keyup | Onkeyup | When the user press and then release the key |

Note : The above events works on input tag.The above events does not work on div tag

Form Events :

|  |  |  |
| --- | --- | --- |
| Event Performed | Event Handler | Description |
| 1. focus | onfocus | When the user focuses on an element |
| 1. submit | onsubmit | When the user submits the form |
| 1. blur | onblur | When the focus is away from a form element |
| 1. change | onchange | When the user modifies or changes the value of a form element |

Note : onchange event handler is form drop-down

Windows Events :

|  |  |  |
| --- | --- | --- |
| Event Performed | Event Handler | Description |
| 1. load | Onload | When the browser finishes the loading of the page |
| 1. resize | onresize | When the visitor resizes the window of the browser |