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Javascript events

As the term says these are actions that happen to HTML elements, give corresponds to javascript functions.

There are many forms of events like:
onclick - the event occurs on clicking an HTML element
onload - the event occurs when a page has finished loading
onchange - this event occurs on change of an HTML element

For example:
<button onclick="display()"></button>
When the button is clicked 'display()' function is called.

<input onchange="check()"></input>
When the input value is changed 'check()' function is called.

JavaScript HTML DOM(Document Object Model)
These are few kinds of events.

1) Input Events
onfocus - occurs on focusing an input field.
<input type="text" onfocus="display(){console.log("onfocus in action");}"></input>

onreset - occurs when the user clicks the reset button.
<form onreset="message(){ alert("onreset in action"); }"></form>

2) Mouse Events
onmouseover - occurs when the mouse is passed over an element.
<h1 onmouseover="count()"></h1>

3) Click Events
ondblclick - occurs when a text is double clicked.
<p ondblclick="display()">Doubleclick here</p>

4) Load Events
onresize - occurs if the browser window is resized.
<body onresize="scale()">
.
.
.
</body>

Creating an EventListener

An addEventListener is does the same task as the events but from a javascript document. It checks if an event has occured to an html element and handles it by calling an event handler.

the syntax followed is:

element.addEventListener(event, function, useCapture);
event - what event occurs.
function - the funcion called when the event occurs.
useCapture - is to specify a boolean value for event bubbling or capturing (optional)

example :
document.getElementById("myBtn").addEventListener("click", display(){ alert("Clicked myBtn"); });

in the above example when the element whose id is 'myBtn' clicked, the function 'display()' is called.

Reference:-
http://www.w3schools.com/
http://www.w3schools.com/js/js_events.asp
http://www.w3schools.com/js/js_events_examples.asp
http://www.w3schools.com/js/js_htmldom_eventlistener.asp