**jQuery**

jQuery is a JavaScript Library. With jQuery, we can use javascript functions in a simpler way. It includes javascript functions and methods.

We can do HTML and CSS manipulations, handle events, animations, AJAX using jQuery. jQuery is the most widely used javascript library. jQuery gets updations every day. Many famous websites like Google, use jQuery.

We have two methods for importing jquery. First one by including it from CDN. And second method by downloading jQuery and referencing it using src attribute in script tag.

The syntax of jQuery is: $(selector).action()

Here ‘selector’ is the element needed to select, like input. We can select using name, id, class etc.

Here ‘action()’ is the action or event that need to be performed. All functions use $ symbol in jQuery.

* $(“p”).hide() hides all p elements. Here attribute selector is used. $(“p”) selects all p elements.
* $(“#username”).hide() – Here id selector is used.

$document.ready() method :

Syntax - $document.ready(function(){

});

This helps to execute the function after all elements in HTML are ready.

Events:

Events are used to execute any function when some action like click, hover etc is done.

Syntax - $(“p”).click(function(){

//actions needed to be done

});