jQuery

jQuery is a JavaScript library. It helps in DOM manipulation, CSS manipulation, Event handling, Animations etc.  
It works with almost all browsers.  
Jquery is very small so it can be loaded very fast.  
We can install it locally by downloading the jQuery file from their website or using CDN.

We can write all codes inside $document.ready() because then all the functions inside it will load as soon as the document is loaded

$ is a shortcut for jQuery.

$ conflict

$ is also used by other js libraries so there might be chance for conflicts.

To avoid that jQuery has a function called jQuery.noConflict();  
After calling this function all $ call doesn’t use jQuery and instead it uses other libraries.

We can use jQuery instead of $ if you still want to write jQuery code after calling noconflict.  
  
or we can create a function and pass jQuery as an argument and in the function, we can use $ as a parameter.

Example:

Function functionname($){

Write the jquery code here with $

}

functionname(jQuery);

Syntax

$(document).ready(function(){

$(selector).action()

});

Selectors in jQuery

Selectors are use to select any HTML elements

We can use following selectors

Element selector : It selects corresponding html elements like <p> <div> etc

Example:

$(document).ready(function() {

$("p").html("Hello World");

});

Other basic selectors are:

Id selector

Class selector

Universal selector (“\*”)

Child selector (“div1 > div2”)

Descedant selector

Sibling selector

And there are many more ways to select in jQuery