**JQuery**

* jQuery is a JavaScript library specialized for changing web page documents on the fly.
* One of jQuery’s main strengths is that it allows you to work with the DOM without having to know every little thing about it.
* jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.
* The purpose of jQuery is to make it much easier to use JavaScript on your website.
* jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.
* CSS selectors select elements to add style to those elements; jQuery selectors select elements to add behavior to those elements

$.ajax() Performs an async AJAX request

$.get() Loads data from a server using an AJAX HTTP GET request

$.post() Loads data from a server using an AJAX HTTP POST request

$.getJSON() Loads JSON-encoded data from a server using a HTTP GET request

jQuery.ajax() is the all-encompassing Ajax request method provided by jQuery.

It allows for the creation of **highly-customized Ajax requests**, with options for

* how long to wait for a response,
* how to handle a failure,
* whether the request is blocking (synchronous) or non-blocking (asynchronous),
* what format to request for the response, and many more options.

jQuery.get() is a shortcut method that uses jQuery.ajax() under the hood, to create an Ajax request that is typical for simple retrieval of information. Other pre-built Ajax requests are provided by jQuery, such as jQuery.post(), jQuery.getScript(), and jQuery.getJSON().