

J Query

# What is J Query?

- jQuery is a JavaScript Library.
- jQuery greatly simplifies JavaScript programming.
- jQuery is easy to learn.
- jQuery is a lightweight, "write less, do more", JavaScript library.
- The purpose of jQuery is to make it much easier to use JavaScript on your website.
- 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.
- jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

# How to use J Query?

- One way – downloading J query from jQuery.com
- More efficient way - including it from a CDN (Content Delivery Network). Google and Microsoft both hosts JQuery CDN. (I personally prefer using google CDN). Example -

```
<head>  
<script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js">  
</script>  
</head>
```

# Jquery Syntax

- IT's simply **selecting** HTML elements and performing some **action** on the element(s).
- Basic syntax is: ***\$(selector).action()***
- A \$ sign to define/access jQuery
- A (*selector*) to "query (or find)" HTML elements
- A jQuery *action()* to be performed on the element(s)

# The Document Ready Event

- You might have noticed that all jQuery methods in our examples, are inside a document ready event:

---

```
$(document).ready(function() {  
  
    // jQuery methods go here...  
  
});
```

# Sources to learn more about J Query

- Official JQuery documentation : <https://api.jquery.com/>
- W3 schools is always a good resource -  
[https://www.w3schools.com/jquery/jquery\\_hide\\_show.asp](https://www.w3schools.com/jquery/jquery_hide_show.asp)