jQuery

# JQuery Introduction

## What is jQuery

* jQuery is one of the most popular libraries if not the most popular javascript library.
* And the reason that people use jQuery is because it allows you to do stuff that you normally would do in javascript but a lot **quicker, easier and with less work and coding**.
* And so basically really easy to use, really functional and especially when it comes to dynamic and interactive content within your web pages. This is where jQuery really shines. So everything from event listeners to things like AJAX calls.
* Official website: <https://jquery.com/>
* We can either download the jQuery library (.js file) from the official website or we can use CDN links (preferred) and then start using it.

## How jQuery works

* One of the first things that we want to do with a query is that we want to make sure that the document or the DOM is ready, it's all loaded before we try to do some functionality.
* $(document).ready() allows us to run our query once our document has finished loading.

# Tips and Tricks

* Make sure you that the jquery library is loaded first before you start using the jquery features/syntax in your web page. (Solution – put the CDN link of jQuery.js file before your jquery code.
* It is very easy to traverse using jQuery. E.g. selecting previous siblings is very difficult to get via vanilla JavaScript, but with jQuery, we have very handy .prev() and .prevAll() methods.