

jQuery - DOM Manipulation

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Review- (What we have learnt so far)

- HTML
- CSS
- Bootstrap
- JavaScript - Basics

jQuery

- Java Script is :
 - Verbose
 - Complex
- Can there be an easy way to do avoid the complexity ?

jQuery

- jQuery is a JavaScript library
- jQuery simplifies Javascript Programming
- jQuery is easy to Learn

What is jQuery

- Lightweight
- "Write Less do more"
- JavaScript Library
- The goal is to make JavaScript easy to use

jQuery CDN

```
<head>
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
```

```
</head>
```

jQuery Syntax (Very Important)

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)

Document Ready Function

- Safe to add jQuery after document is loaded completely

```
$(document).ready(function() {
```

```
    // jQuery methods go here...
```

```
});
```


jQuery Functions

```
$(function() {
```

```
    // jQuery methods go here...
```

```
});
```

Class Demo

- jQuery hide/Show
- jQuery form validation
- jQuery CSS