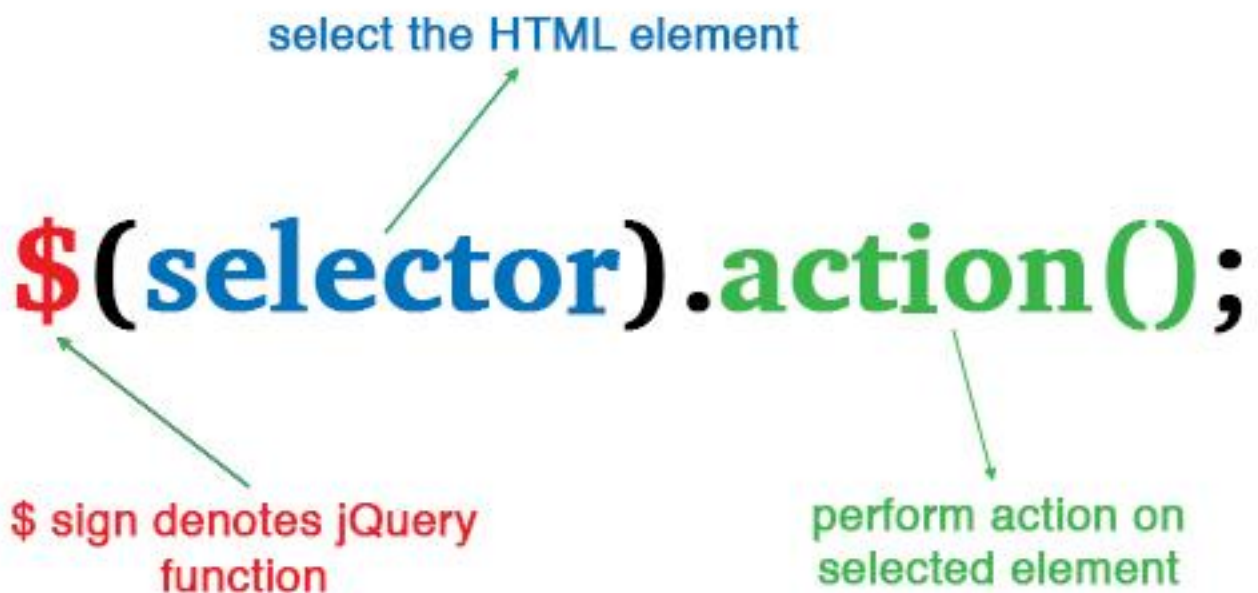


Description	Introduction to jQuery
Time	~ 1 hour
Learning Goals	<ul style="list-style-type: none"> • Understand that jQuery is a JavaScript library written to simplify • Apply jQuery selectors and effects.

[jQuery](#) is a JavaScript library, just like how ActiveRecord is a Ruby library.

jQuery simplifies [DOM](#) Manipulation and asynchronous requests (this is an awesome feature which you will learn in Day 4 this week).

Basic jQuery syntax:



For example, the following command finds all paragraph elements in the HTML document and sets the CSS **font-weight** property to **bold**:

```
$("p").css('font-weight', 'bold');
```

jQuery Selectors

The jQuery library harnesses the power of CSS selectors to let us quickly and easily access HTML elements.

Example:

- `$('span')` selects all `` elements.

- `$("#test")` selects ONE element with `id="test"`.
- `$(".test")` selects ALL elements with `class="test"`.

[This reference](#) is a good place to develop your jQuery selector skills!

jQuery Events

Events are often triggered by the user's interaction with the web page (such as when a link or button is clicked).

[Check out some of the basic examples here!](#)

`$(document).ready()`

Before you can safely use jQuery to do anything to your page, you need to ensure that the page is in a state where it's ready to be manipulated. With jQuery, we accomplish this by putting our code in a function, and then passing that function to `$(document).ready()`.

Here's how:

```
$(document).ready(function() {  
    // jQuery will run once everything else in your web page is already loaded.  
    // All your jQuery codes here.  
});
```

Are you ready to apply some awesome jQuery to your portfolio?
Move on to next challenge and get started!