Intro to jQuery Class Reference

**The following script is used to add the jQuery library to your site:**

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.0.0/jquery.min.js"></script>

**jQuery Object**: The $ object is made for selecting an element and then returning that element node to perform an action on it. Example: $('#header');

**Document Ready:** all of your jQuery code should be wrapped in the following document.ready so that it doesn’t execute before the HTML finishes loading.

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

 // jQuery code

});

**Selecting Elements**

The great thing about jQuery is how easy it is to select HTML elements.

The syntax is pretty simple for selecting an HTML element:

$('#footer'); // selects element with footer ID

$('.container'); // selects element with container class

**Get/Set attributes:** The below code shows you how to get and set the alt attribute of the img tag

$('img').attr('alt'); // Gets the value of the alt attribute

$('img').attr('alt', 'Wild kangaroo'); // Sets the value of the alt attribute

**Changing class names:**

$('ul li').addClass('list-item');

$('p').removeClass('highlight');

$('button').toggleClass('active');

1. The first one adds a CSS class .list-item to all li elements in a ul
2. The second one removes the CSS class .highlight from all p tags in the HTML
3. The third one checks if the button has the CSS class .active, then it removes it. If it doesn't have it, it adds that class

The **.css() method** can handle any CSS changes in jQuery.

$('h1').css('font-size', '30px');

$('#header').css({

height: '300px',

background: '#333'

});

**Events:** The click event is a method that gets triggered whenever someone clicks on the HTML element that is declared at the beginning of the click event method.

$('button').click(function(event){

$('#header').css('background-color', 'blue');

});

In the above jQuery, we are creating an event that will go off whenever clicks on a button HTML element. When they click on it, this method will go after the element with an ID of header and change its background color to blue.