**This week’s topic: jQuery**

jQuery Overview

* J for JavaScript and Query because it searches the DOM and gets references to elements on a web page. It lets you use CSS selector syntax to specify the element.
  + Everything starts with the *jQuery* function which has an alias: *$*
  + jQuery simplifies this code:   
     var button = document.getElementById(“[perimeterButton”);  
     button.addEventListener("click", getPerimeter);  
    to this:  
     $("#perimeterButton").on("click", getPerimeter);
* The *ready* function will run your code after the page is loaded:  
   $(document).ready(function(){ // your code goes here });
  + Programmers usually pass an *anonymous function* to the *ready* function. You’ve seen anonymous functions before. They are declared like this:  
     var init = function() { // your code goes here });  
    You could pass the init function to ready, or you could just declare the function inside the parenthesis (like the example above).  
     $(document).ready(init);
* Use the val method to get the value from an input element:  
   var side1 = parseInt($("#side1").val());
* Use the html method to set the inner HTML of an element  
   $("#perimeter").html(10);
* Reference: <http://www.w3schools.com/jquery/default.asp>

Recommended Editor Packages

For Atom: <https://atom.io/packages/atom-beautify>

For Sublime: <https://packagecontrol.io/packages/HTML-CSS-JS%20Prettify>