Week 10 Research

1. List and explain the JavaScript methods that enable us to select elements from the DOM.

   a. getElementById(): in this method, you locate an element of the document by using a specific Id that the programmer gave that particular element.
   b. querySelector(): Uses the CSS selector to locate the element
   c. getElementByClassName(): will find all the elements within a particular class that the programmer assigned to a tag.
   d. getElementByTagName(): will find all the elements with a particular tag<>.
   e. querySelectorAll(): finds elements by using the CSS selector to select all the elements matched to the criteria in the ()

2. What is the document object? What are some other methods available on the document object that don't select elements from the DOM?

   a. The document object is all of the elements that make the document and their structure.
   b. write("string") is a method that writes a string on the document
   c. The append method will add and element to an already existing element on the DOM

3. What is your favorite thing you learned this week? Learning how the html creates a DOM for the browser to utilize and how JavaScript can be used to manipulate the DOM to add functionality to the webpage is amazing! It is challenging trying to visualize the construct of the html and DOM in your mind and then create it with the JavaScript file. Learning to draw or diagram the html file and then break it down piece by piece to build the file is very satisfying.