Questions Week2  
  
*1. Explain the difference between the == operator and the === operator.*  
The === operator checks whether values are precisely equal. Where as == is able to make a lot of assumptions, for example "" == false -> true, "" === false -> false

*2. Explain what a closure is. (Note that JavaScript programs use closures very often.)*  
Closure is the situation that a varaiable is only "lives" within the closing brackets of the function it is encapsulated in. Vor a variable its closure is the function enclosing it.

*3. Explain what higher order functions are.*  
"Functions that operate on other functions, either by taking them as arguments or by returning them, are called higher-order functions."[1]  
  
*4. Explain what a query selector is and give an example line of JavaScript that uses a query selector.*  
A quarySelector searches through the document object and selects items based on the selector that it was given as an argument.   
The querySelector method does not return a list, but returns the first match or null if there was no match.  
  
Demonstration code line:  
Document.body.querySelectAll(“a”)[0].HTMLcontent  
  
"Unlike methods such as getElementsByTagName, the object returned by querySelectorAll is not live. It won’t change when you change the document."[2]  
  
Sources:  
[1]: <http://eloquentjavascript.net/05_higher_order.html>  
[2] <http://eloquentjavascript.net/13_dom.html>