Questions

Answer the following questions in your own words. This assignment will only be graded pass or fail.

- **Explain the difference between the == operator and the === operator.**
  The == operator could be converting one of the comparing datatypes automatically, to determine if the values are equal or not. Meanwhile, the === operator does a "hard" comparising of the two values, without automatic datatype converting.

- **Explain what a closure is. (Note that JavaScript programs use closures very often.)**
  A closure returns a function from a function, that is stored into a variable. In this way, a function can be called later, where a the local variable is still accessible later on.

- **Explain what higher order functions are.**
  These are functions that are very coherent, in the sense of that they take functions as arguments, or return functions.

- **Explain what a query selector is and give an example line of JavaScript that uses a query selector.**

  A query selector is a way to get the elements in the DOM that match the selector given. In the example, I want all the elements that are hyperlinks in a webpage:

  var links = document.querySelectorAll("a");

  There is also a querySelector method, that only returns the first element that matches.