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 is used when you want the eventual values to be exactly the same. However, the === operator is used in cases where you do not want any automatic type conversion to take place.

- Explain what a closure is. (Note that JavaScript programs use closures very often.)

Closure is being able to reference specific local variables in an enclosing function. In this way, a function that includes and closes over some local variables is therefore referred to as a closure.

- Explain what higher order functions are.

Higher order functions are functions that are being used within other functions, by taking these functions as arguments or by returning them.

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

The *querySelector()* function or so called method, returns only the first element that matches with a CSS selector specified in the document.

An example:

```
document.querySelector("p.example");
```

Taken from https://www.w3schools.com/jsref/met_document_queryselector.asp