

Week 2, javascript questions

Explain the difference between the == operator and the === operator.

The == operator checks if two values are the same, the === operator checks if the type of these two values is also the same. For example `true==1` will be true, but `true===1` will be false.

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

Being able to reference a specific instance of local variables in an enclosing function.
A function that “closes over” some local variables is called a closure.

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.

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

A query selector selects a specific element from a DOM.

```
return document.querySelectorAll
```

will return all elements of a dom.