

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

The === operator will never convert the value's data types, while the == operator does in order to compare two values. So for example, `0 == false` will return *true* because JavaScript automatically converts `0` to *false*. `0 === false` will return *false* because a numeric value is not equal to a boolean.

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

A closure is a function that calls a local variable from a *higher* function.

**Explain what higher order functions are.**

Functions that take other functions as arguments or functions that return other functions 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 can find DOM objects.

copied this line of code literally from the book, since I'm not sure as to what is asked of me:

```
function count(selector) {  
  return document.querySelectorAll(selector).length;  
}
```