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Questions Javascript Intro

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

The == operator tests whether a value is equal to the other. The === operator tests whether a value is *precisely* equal to the other.

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

A closure is the combination of a function bundled together (enclosed) with references to its surrounding state. In other words, a closure gives you access to an outer function's scope from an inner function.

- **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.**

The `querySelector()` method returns the first element that matches a specified CSS selector(s) in the document. Example:

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