

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

To prevent automatic type conversions. "==" converts the variable first before comparing while "===" compares the exact value.

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

Multiple instances of the variable can be accessed at the same time, being able to reference a specific instance of local variables in an enclosing function, is closure.

Explain what higher order functions are.

Functions that operate on other functions, either by taking them as arguments or by returning them.

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

It selects a matching element or returns null if there are no matches. A query selector is in contrast with commands like `getElementsByTagName` not live. Example:

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