

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

The `===` triple equals tests for strict equality meaning that both the value and the type have to be the same.

The `==` double equals only tests for value equality and the type doesn't have to be the same.

e.g. `5 == '5' -> true`

`5 === '5' -> false`

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

A closure is a function that references bindings from local scopes around it. This allows us to keep a reference to a scope, even after the block in which those variables were declared has finished executing.

3. Explain what higher order functions are.

A higher order function is a function that takes a function as an argument, or returns a function. And normally other functions do not take a function as an argument or returns a function.

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

Query selector helps us find elements we want in an HTML file. `querySelector()` finds the first elements that we want while `querySelectorAll()` finds all the elements that we want.

```
var elements = document.querySelectorAll("p");
```