

## Questions

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

*They both mean 'equal to', but the == operator first does the necessary type conversions. The === operator does not, so when the two values are not the same, the === operator will return false.*

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

*In JavaScript you have global and local variables. A closure is a function which is able to reference bindings from local scopes, even after the parent function has closed.*

Explain what higher order functions are.

*A higher order function is a function that operates on other functions. They either take other functions as arguments or return a function. These functions allow us to abstract over actions, instead of just values.*

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

*The querySelector() function takes an argument, and this is a CSS selector for the element you want to find. The function will return the first element it finds. Below an example of the function if you want to access the 'div' whose 'id' is main.*

```
var element = document.querySelector("#main");
```