

**Question 1**

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

Both are used to compare two variables or values with one another. The difference is that === also checks the type of both values. 0==false will return true, while 0===false will return false.

**Question 2**

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

A closure is an inner function that exists inside a function, where the inner function can use variables from the outer function.

**Question 3**

*Explain what higher order functions are.*

A function that takes another function as its argument

**Question 4**

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

A query selector goes through a DOM object and returns specific elements.

```
document.querySelector(".example"); //returns the first element of  
class "example"
```