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

The difference is that with == it doesn't have to be the same sort of variable.

For example

(int) 2 == (string) "2" = True

(int) 2 === (string) "2" = False

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

This closes a function and ensures all variables used in the fuction remain in the function with the exception of the returned variables. The variables in the function are also called private variables and they are made possible by closures

Explain what higher order functions are.

This are functions that uses other functions. This means that the function uses a function as argument or returns a function. First order function does not take a function as argument or does not return a function

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

It selects the first element that matches the matching CSS selector.

For example:

querySelector("h1").style.backgroundColor = "blue";

gives the h2 element a blue background