

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

when using ===, javascript won't use automatic type conversions when comparing different values. When using ==, however, there is a chance of this happening.

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

A closure is a function that closes over a local variable. We've seen this before in python when we made variables inside for loops. They get re-created in every loop.

Explain what higher order functions are.

Functions within functions. This indirectly helps you clean up your code. It takes functions as arguments or it returns a function as a result. Can also mean functions that overrule other parts of code. As in: instead of writing 5 lines of code that does a certain thing, use a function that already exists (or make one) and do it in a couple of lines!

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

A query selector can be used to select the first element in a document with a certain class. for example:

`document.querySelector(".firstTable")` would give me the first element (probably a table) with `class="firstTable"`