Questions week 2

Amerens Jongsma

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

The === operator checks whether two values are <u>precisely</u> equal. Javascript has automated type conversions and programmed some values to be equal (==), such as "" == false returns true, but "" is not the same input value as false. Therefore "" === false, returns false.

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

A closure is a feature in which one can access a local binding in an enclosing scope. A function that references bindings from local scopes around it is called a closure

- Explain what higher order functions are.

Functions that operate on other functions. They take other functions as arguments or can return them. Higher-order functions allow us to abstract over actions, not just values. They are for example useful if you want a function that creates new functions.

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

The query selection makes it possible to select elements from the DOM and return the first matching element.