Questions Homework Data Processing Week 2

- Explain the difference between the == operator and the === operator.
  - "===" also considers whether the type of the variables are the same, while "=="  would render a string 1234 and the number 1234 the same.
- Explain what a closure is. (Note that JavaScript programs use closures very often.)
  - A closure is a function that is useful because it is called within a function, which is why it is a local variable that can be changed outside its own scope by calling the function, but cannot be changed by anything else but that function AND it still exists even when the first function has stopped and therefore its variables have disappeared.
- Explain what higher order functions are.
  - Higher order functions are functions that can use other functions as arguments.
- Explain what a query selector is and give an example line of JavaScript that uses a query selector.
  - Query selectors are similar to what we used last week in python to get to certain tags in a html file. In Javascript this is for example used to get the first element of class "bestclass" in this way:
    var bestClass = document.querySelector(".bestclass");