Answers to the homework questions - Dataprocessing, Week 2

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Question 1: Explain the difference between the == operator and the === operator.

Answer: When we use the == operator, we do not take into account if two objects are of the same type. If the === operator is used, we do not converse the types before comparing, hence why two objects will only be equal if they are of the same type.

Question 2: Explain what a closure is. (Note that JavaScript programs use closures very often.)

Answer: Closures are a method to make global variables in Javascript local. This happens through an nested function, wherein the inner function has access to the outside function.

Question 3: Explain what higher order functions are.

Answer: Functions that operate on other functions, either by taking them as arguments or by returning them

Question 4: Explain what a query selector is and give an example line of JavaScript that uses a query selector.

Answer: A query selector method returns an element that matches specified selectors. Example: