

Questions data processing week 2:

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

The === does not allow any automatic conversions to happen (checks for same type and value). On the other hand, == does (checks only for value and possible adjusts the type). When you do not want any automatic type conversions to happen, use ===.

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

A closure is a function that has access to the parent scope, even after it has closed.

3. Explain what higher order functions are.

Higher order functions operate on other functions, either by taking them as arguments or by returning them. Higher-order functions allow you to abstract over actions, not just values.

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

A query selector gets the first element in the document with the given specified CSS selector.

E.g.: `document.querySelector("p")`, gets the first <p> element in the document.