Javascript Questions - Week2 DataProc

Rosa Brakkee
10777601

Questions:

1. *Explain the difference between the == operator and the === operator.*
2. *Explain what a closure is. (Note that JavaScript programs use closures very often.)*
3. *Explain what higher order functions are.*
4. *Explain what a query selector is and give an example line of JavaScript that uses a query selector.*

Answers:

1. To avoid automatic type conversions the === and !== test whether a value is precisely or precisely not equal. This avoids automatic type conversions like: 0, NaN and empty string that count as false (or all others that count as true).
2. A closure is a function having access to the parent scope, even after the parent function has closed. Global variables can be made local (private) with closures.
3. A higher order function is a function that operates on other functions. This allows the function to take another function as an argument or to return another function. This passed function is sometimes called the callback.
4. A query selector searches for the specified CSS selector in a document and returns the (specified) element(s).

   var firsElement = document.querySelector("p");

   document.getElementById("rawdata").innerHTML =

   (firstElement.querySelector("div").innerHTML);