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

  == simply checks if it value is equal to the value given, for example if x = 5 and you say x == 5 it will return true cause the value of x is equal to 5. === on the other hand doesn't only checks if the value is equal but the type as well. So if x is a string with the value 5 and you would say x === 5, it will return false cause 5 is not a string, if you would say x ==='5', it will return true cause now the type is equal as well (a string).

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

  A closure gives access to the scope of the outer function from an inner function. In JavaScript, closures are created every time a function is created.

- *Explain what higher order functions are.*

  Higher order functions are, simply put, functions that operate on other functions. These are functions that are used by taking other functions as argument or returning them.

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

  A queryselector scrolls through a html document and selects what is in the ().

  Example:

  document.querySelector("p.example");

  = Get the first <p> element in the document with class="example".