

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

`'=='` compares only value, while `'==='` checks value as well as type.  
For example, if we defined `x=5` then `x==8` return false and `x==5` return true.

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

an inner function that has access to the outer (enclosing) function's variables—scope chain. The closure has three scope chains: it has access to its own scope (variables defined between its curly brackets), it has access to the outer function's variables, and it has access to the global variables.

- Explain what higher order functions are.

a higher order function is a function that may receive a function as parameter or even return a function.

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

The `querySelector()` method returns the first element that matches a specified CSS selector(s) in the document.