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

The "===" operator is almost equal to the "==" operator, the difference is that with the "===" there will not happen any kind of automatic type conversions. The values that are being compared must thus be from the same type.

Example:

console.log("5" == 5) ;   // will return true.

console.log("5" === 5);   // will return false

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

A feature that allows to reference a specific instance of a local binding in an enclosing scope. Thus it allows you to reference to the original local variables inside a function that are found outside of the current scope. It allows to use the function as a variable itself.

3) Explain what higher order functions are.

Higher-order functions are functions that operate on other functions. Higher-order functions takes either a function or multiple functions as an argument, or returns a function itself.

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

A query selector is used to find and select DOM elements. With the query selector you can find among other tags, divs, id's in a document.

Example:

document.querySelector("h1");   // gets the first <h1> element in a document