

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

With the == you can compare whether values are the same. If the type of the values is the same the outcome of using this operator is predictable: returning true when the values are the same. However, if the types of values differ; javascript will automatically turn to type conversion. Which, for example, returns true when comparing "" = false. If you don't want that to happen you can use the === or !== operators to test whether a value is precisely the same or not precisely the same as another value.

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

A function that references bindings from local scopes around it. Also the ability to reference bindings in an enclosing scope.

*Explain what higher order functions are.*

A higher order function operates on other functions. They can return or take a function and therefore have the ability to create and modify other functions.

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

With a query selector you can 'select' an element or multiple elements of an HTML. For example document.querySelectorAll("a") will return the content of all 'a' tags of the document HTML.