

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

In which == only compares the value, === also checks on the type that is given besides the value.

'2' == 2 gives True

while '2' === 2 gives False since the types are not the same on both sides of the comparison

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

A closure is an inner function that has access to the outer (enclosing) function's variables

3. **Explain what higher order functions are.**

A higher order function is a function that can take another function as an argument, or that returns a function as a result

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

the query selector function takes an argument, and this argument is a CSS selector for the element you are wanting to find. What gets returned by query selector is the first element it finds – even if other elements exist that could get targeted by the selector.