

Answer the following questions in your own words. This assignment will only be graded pass or fail.

- Explain the difference between the `==` operator and the `===` operator.
 - `==` used to compare different values with each other, doesn't matter if it is an integer or a string.
 - `===` checks if a value is precisely equal to another value, can only check integer compared to integer and string compared to string
- Explain what a closure is. (Note that JavaScript programs use closures very often.)
 - Closure makes it possible to reference to an local variable in an already closed function. Variables in closed functions can still be accessed this way.
- Explain what higher order functions are.
 - Higher order functions are functions that operate on other functions by either returning them or taking them as a argument. They allow us to abstract over actions, not just values.
- Explain what a query selector is and give an example line of JavaScript that uses a query selector.
 - The `querySelector` method takes a selector string and returns an array-like object containing all the elements that it matches.