

# Questions

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.
  - `==` and `===` do the same, except `===` checks for variable type as well.
  - `0 == '0'` is true, `0 === '0'` is false.
- Explain what a closure is. (Note that JavaScript programs use closures very often.)
  - A closure is a section, (or function) in which free variables exist, which can be used by functions within said function.
  - This means that the innermost function can use variables that weren't defined either globally or in a local scope.
- Explain what higher order functions are.
  - A higher order function is a function that can take another function as an argument or returns a different functions as a result
- Explain what a query selector is and give an example line of JavaScript that uses a query selector.
  - A query Selector returns only the first Element that matches the specified CSS selector(s)
  - Example: `document.querySelector(".example");`