

## Questions:

- Explain the difference between the `==` operator and the `===` operator.
  - The identity (`===`) operator behaves identically to the equality (`==`) operator except no type conversion is done, and the types must be the same to be considered equal.
  - The `==` operator will compare for equality *after doing any necessary type conversions*. The `===` operator will **not** do the conversion, so if two values are not the same type `===` will simply return `false`. Both are equally quick.
- Explain what a closure is. (Note that JavaScript programs use closures very often.)
  - A closure is a function having access to the parent scope, even after the parent function has closed
- Explain what higher order functions are.
  - Functions that operate on other functions, either by taking them as arguments or by returning them, are called *higher-order functions*.
- Explain what a query selector is and give an example line of JavaScript that uses a query selector.
  - The `querySelector()` method returns the first element that matches a specified *CSS selector(s)* in the document.