

# Questions

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## 1 Questions

### 1.1 Explain the difference between the `==` operator and the `===` operator.

`===` means "equality without coercion" and `==` means "equal to."

### 1.2 Explain what a closure is.

A closure is a function that has access to variables defined outside of this function. It can be seen as a special object that combines the function itself and the environment it is created in. An example is a function that returns another function which depends on two variables, where merely the first is adjusted by the prompted input of the closure function, hence creating different "functions" for each input entered.

### 1.3 Explain what higher order functions are.

A higher order function is a function that takes one or more functions as its argument(s) and returns a or multiple functions.

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

The `querySelector` method takes the selector string and returns the corresponding array. example:

```
var getElementA = querySelectorAll('a') // takes all 'a' elements in the document
```