

## JavaScript warming-up – Answers to Questions

Name: Kyra Kieskamp

Student nr: 10099727

1. The difference between the `==` operator and the `===` operator is the following:
  - the `==` operator is the 'equal to' operator and provides true or false as output
  - the `===` operator tests whether a value is precisely equal to the other value, not only in value but also in type of
2. Closure is when a variable is protected by a function, a 'private' variable. An other function then still has access to a variable in a parent function, even after this parent function has been closed. Yet, only the parent function can change the 'starting' value.
3. Higher-order functions are functions that operate on other functions. These other functions can either be returned or be taken by the higher-order function
4. The `querySelector` in JavaScript takes an array or set of characters and finds the first matching element or null if no element is found.  
`document.querySelector("a").`  
This gets the first `<a>` element in the document.