Methods with array

Javascript array methods cheatsheet

https://dev.to/vincenius/javascript-array-functions-cheatsheet-1c15

https://www.w3schools.com/jsref/jsref_from.asp

indexOf()

Find the index value of a certain array element, will return the value of -1 if no such element is found in the array

.includes()

Check if array does actually contain certain element, will return a Boolean value of true as soon as a match is found

Does not support IE 11
https://caniuse.com/?search=includes

.push()

Add a new element to the end of an array

.push(), pop()

Push a new element to the end of array or pop the last element off the array

.shift(), unshift()

Remove the first element of the array, or add new elements to the beginning of an array

.every(), some()

Will check every elements in an array if they all pass some check. If the check doesn’t pass for 1 element, it will return false

.forEach()

Iterate through each element of the array

.filter(), find()

filter() goes through each element in the given array, apply a condition statement against it, if this statement returns true, that element will be part of the new array

find() does almost the same thing, but it immediately returns the first element in the array that matches the given conditional statement

.map()

Create a new array, based on the current array, and apply a modification to each elements of the current array while doing that

.sort()

Sort the values of an array and return the sorted array.

However sort will treat everything as string by default but you can also use it for sorting number by providing a comparing logic, the logic will evaluated and the sorting happens accordingly.

Can take an evaluation logic, if the evaluation produces a negative result, place switching happens

Practice exercise

1.