

A decorative graphic on the left side of the slide. It consists of a blue parallelogram and a light green parallelogram, both tilted at an angle. The blue shape is in the foreground, and the green shape is partially behind it. They are set against a dark blue background with faint, lighter blue diagonal stripes.

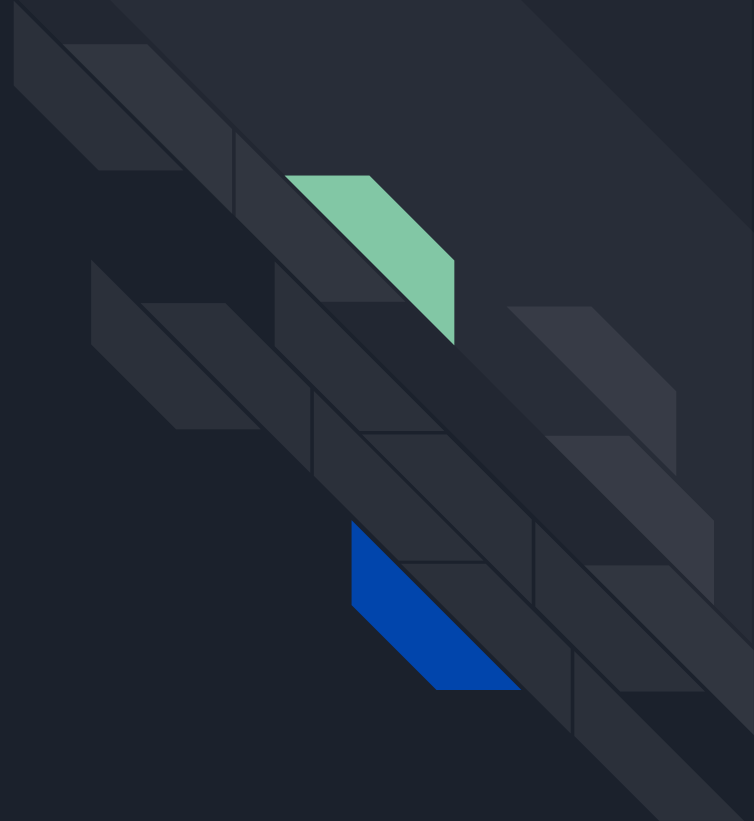
Methods with array

Javascript array methods cheatsheet

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

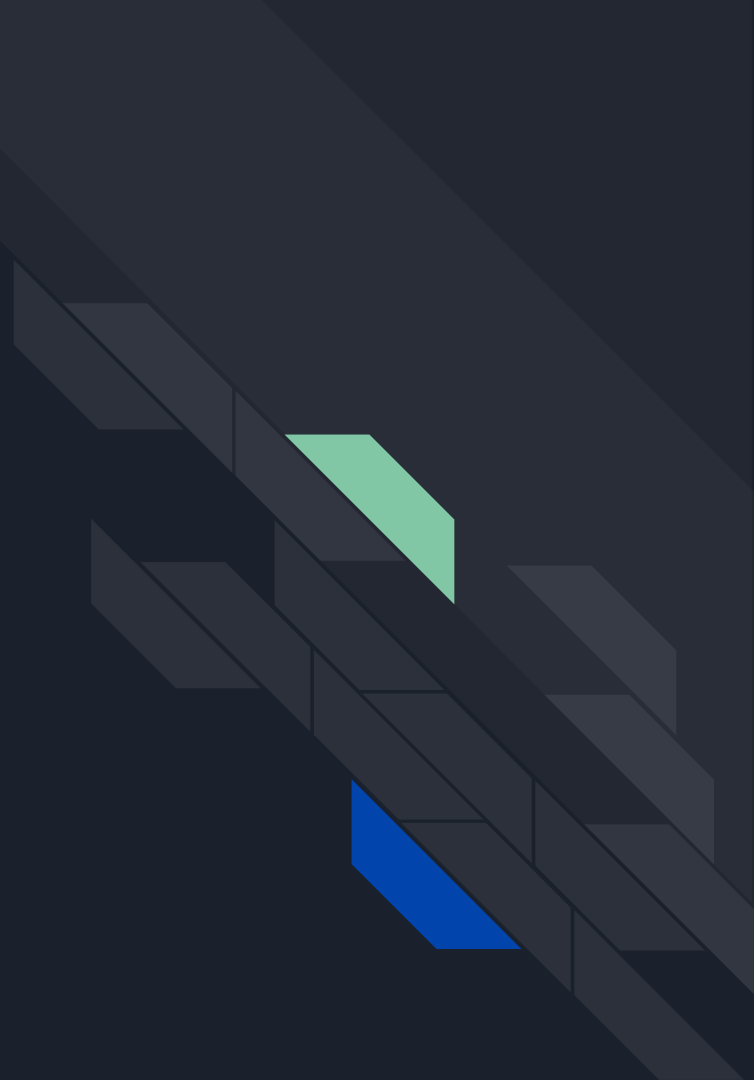
indexOf()

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



.contains()

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



.every()

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



.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



.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 condition statement

.map()

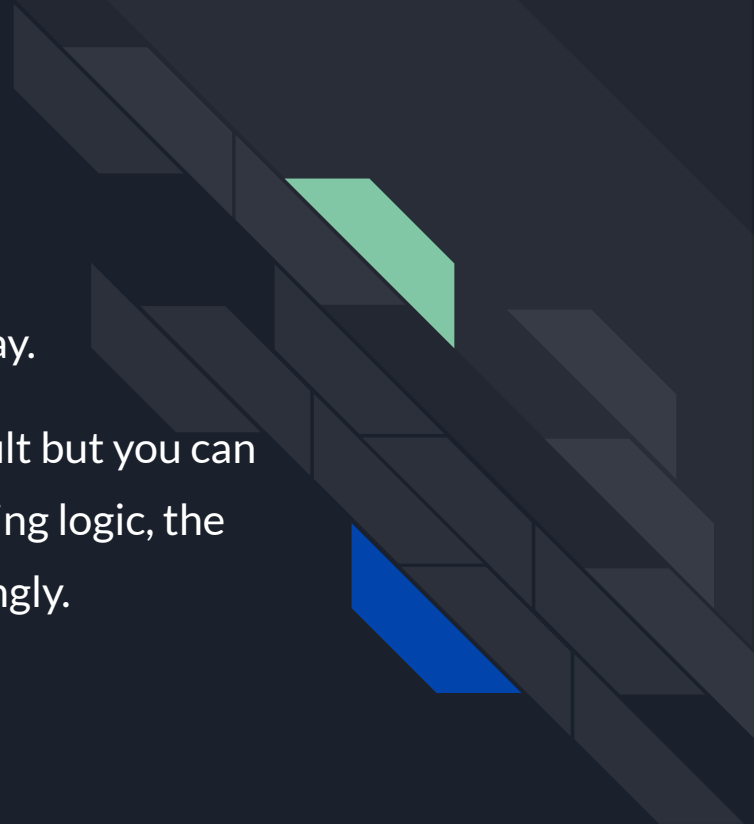
Create a new array, based on the current array, and apply a modification to each elements of the current array while doing that



.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 be evaluated and the sorting happens accordingly.



Practice exercise

The background features a series of dark gray, three-dimensional rectangular blocks arranged in a descending staircase pattern from the top right towards the bottom left. A bright green arrow points downwards, positioned between the second and third blocks from the top right. At the bottom of the stack, a blue rectangular block is visible.



1.