

WHICH ARRAY METHOD TO USE? 🤔

"I WANT...:"

To mutate original array

➡ Add to original:

.push (end)

.unshift (start)

➡ Remove from original:

.pop (end)

.shift (start)

.splice (any)

➡ Others:

.reverse

.sort

.fill

A new array

➡ Computed from original:

.map (loop)

➡ Filtered using condition:

.filter

➡ Portion of original:

.slice

➡ Adding original to other:

.concat

➡ Flattening the original:

.flat

.flatMap

An array index

➡ Based on value:

.indexOf

➡ Based on test condition:

.findIndex

An array element

➡ Based on test condition:

.find

Know if array includes

➡ Based on value:

.includes

➡ Based on test condition:

.some

.every

A new string

➡ Based on separator string:

.join

To transform to value

➡ Based on accumulator:

.reduce

(Boil down array to single value of any type: number, string, boolean, or even new array or object)

To just loop array

➡ Based on callback:

.forEach

(Does not create a new array, just loops over it)