

165 Summary: 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)