

JS

Tip

Array Methods

*A JavaScript reference of Array methods
modifying existing array 😊*

- a. push*
- b. pop*
- c. shift*
- d. sort*
- e. fill*



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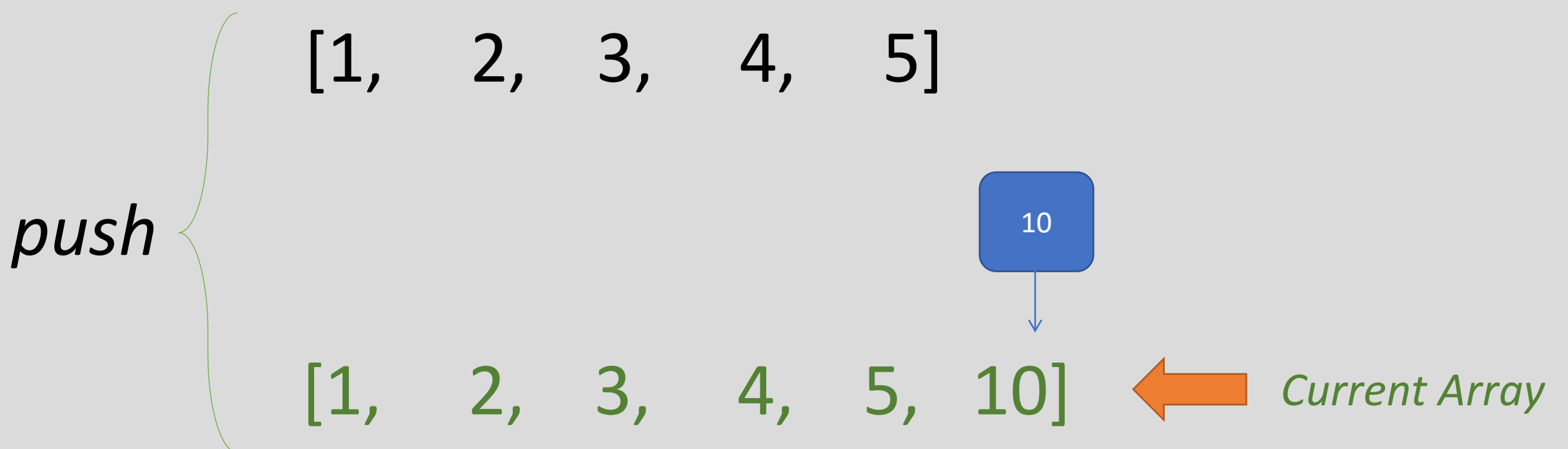
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push

push – adds element to end of array and returns the new length of array.

```
const numbers = [1, 2, 3, 4, 5];  
const lengthOfNumbers = numbers.push(10);  
// lengthOfNumbers = 7, numbers = [1,2,3,4,5,10]
```



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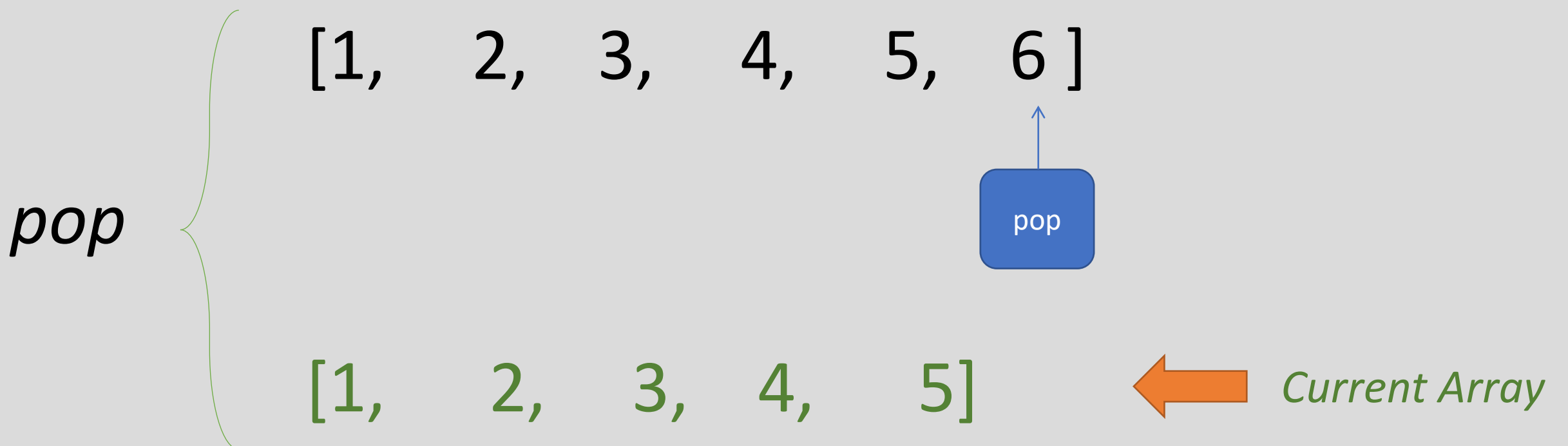
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pop

pop – removes the last element from array and returns the removed element.

```
const numbers = [1, 2, 3, 4, 5, 6];  
const removedNumber = numbers.pop();  
// removedNumber = 6, numbers = [1, 2, 3, 4, 5]
```



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shift

shift – removes the first element from array and returns the removed element.

```
const numbers = [1, 2, 3, 4, 5, 6];  
const removedNumber = numbers.shift();  
  
// removedNumber = 1, numbers = [2, 3, 4, 5, 6]
```



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sort

sort – sorts the elements of the array in ascending order. You can also pass a callback to describe sorting logic.

```
const numbers = [5, 4, 3, 2, 1];  
  
numbers.sort();  
  
// numbers = [1, 2, 3, 4, 5]
```

sort {
[5, 4, 3, 2, 1]
[1, 2, 3, 4, 5] ← *Current Array*



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fill

fill – changes elements of array from a start index to end index with provided value. If no index specified, then all elements are replaced with provided value.

```
const numbers = [5, 4, 3, 2, 1];  
  
numbers.fill(6);  
  
// numbers = [6, 6, 6, 6, 6]
```

fill {
[5, 4, 3, 2, 1]
[6, 6, 6, 6, 6] ← Current Array



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Tip

To know about array methods, refer to following posts link in description :

- 1. Array search methods*
- 2. New Array methods*



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