

# JAVASCRIPT ARRAY METHODS YOU SHOULD KNOW



**@tech\_malik92**

Asifa Malik | Front-end Dev



**@CodeWithHarshad**

Harshad | Web Developer | Mentor

# What Are Array Methods?

Array methods are functions **built-in** to **JavaScript** that you can apply to your arrays.

Each method has a **unique function** that performs a **change/calculation** on your array.

In this post, we have explained the **top 5** array method that you should know.



**@CodeWithHarshad**  
Harshad | Web Developer | Mentor

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## array.forEach()

This method can help you to **loop** over an **array's** items.

```
const array = [1, 2, 3, 4, 5];

array.forEach(item => {
  console.log(item); // output: 1 2 3 4 5
});
```



## array.includes()

This method **checks** if the array includes the **item passed** in the method.

```
const array = [1, 2, 3, 4, 5];  
  
array.includes(3); // output: true  
array.includes(9); // output: false
```



## array.map()

This method creates a new array by calling the provided function in every element.

```
const array = [1, 2, 3, 4, 5, 6];

// add one to every element
const oneAdded = array.map(num => num + 1);
console.log(oneAdded); // output [2, 3, 4, 5, 6, 7]

console.log(array); // output: [1, 2, 3, 4, 5, 6]
```





## array.filter()

This method creates a new array with only elements passed condition inside the provided function.

```
const array = [1, 2, 3, 4, 5, 6, 7];

// item(s) greater than 3
const filtered = array.filter(num => num > 3);
console.log(filtered); // output: [4, 5, 6, 7]

console.log(array); // output: [1, 2, 3, 4, 5, 6, 7]
```



## array.reduce()

This method executes a **reducer** function (that you provide) on **each element**, resulting in a **single output** value.

```
const array = [1, 2, 3, 4, 5];  
  
const sumOfArray = array.reduce((total, value) => total + value, 0);  
console.log(sumOfArray); // Output: 15
```

