



# 15. Array methods

Reja:

▼ Methods



Javascript dasturlash tilida array bilan ishlashni osonlashtiradigan maxsus method'lar mavjud.

## Array method'lari

Aa Method	☰ Tavsifi	<input checked="" type="checkbox"/> Immutable (o'zgarmas)
<u>concat</u> ()	2 yoki undan ortiq array'larni birlashtirib, natijani qaytaradi	<input checked="" type="checkbox"/>
<u>indexOf</u> ()	array'ni ichidan elementni izlab, uning joylashgan o'rnini (index) qaytaradi	<input checked="" type="checkbox"/>
<u>find</u> ()	birinchi bo'lib shartni bajargan array elementini qaytaradi. Array ichidagi elementni qidirishda foydalaniladi	<input checked="" type="checkbox"/>
<u>findIndex</u> ()	birinchi bo'lib shartni bajargan array elementini joylashga o'rnini (index) qaytaradi. Array ichidagi elementni joylashgan joyini topishda foydalaniladi	<input checked="" type="checkbox"/>
<u>forEach</u> ()	har bir element uchun berilgan funksiyani chaqiradi	<input checked="" type="checkbox"/>
<u>map</u> ()	har bir massiv elementi uchun berilgan funksiyani chaqirib, yangi array yaratadi	<input checked="" type="checkbox"/>
<u>filter</u> ()	berilgan shartni bajargan elementlarni saralab olib, yangi massiv yaratadi	<input checked="" type="checkbox"/>
<u>includes</u> ()	massivda ko'rsatilgan element mavjudligini tekshiradi	<input checked="" type="checkbox"/>
<u>push</u> ()	massiv oxiriga yangi elementni qo'shadi va massivning yangi uzunligini qaytaradi	<input type="checkbox"/>

Aa Method	Tavsifi	<input checked="" type="checkbox"/> Immutable (o'zgarmas)
<u>unshift()</u>	massiv boshiga yangi element qo'shadi va massivning yangi uzunligini qaytaradi	<input type="checkbox"/>
<u>pop()</u>	massivning oxirgi elementini olib tashlaydi va olib tashlangan elementni qaytaradi	<input type="checkbox"/>
<u>shift()</u>	massivning birinchi elementini olib tashlaydi va olib tashlangan elementni qaytaradi	<input type="checkbox"/>
<u>sort()</u>	elementlarni alfavit tartibida, satrlar sifatida va o'sish tartibida tartiblaydi	<input type="checkbox"/>
<u>slice()</u>	massivning ko'rsatilgan qismini tanlab, qaytaradi	<input checked="" type="checkbox"/>
<u>splice()</u>	massivdagi mavjud elementlarni olib tashlaydi yoki almashtiradi va/yoki yangi elementlarni qo'shadi	<input type="checkbox"/>

### JavaScript Array Reference


The Array object is used to store multiple values in a single variable: Array indexes are zero-based: The first element in the array is 0, the second is 1, and so on. For a tutorial about

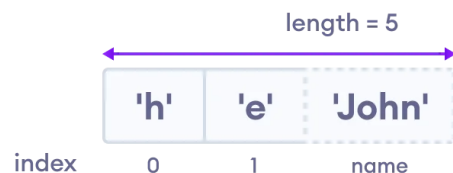
 [https://www.w3schools.com/jsref/jsref\\_obj\\_array.asp](https://www.w3schools.com/jsref/jsref_obj_array.asp)



### JavaScript Arrays

An array is an object that can store multiple values at once. For example, `const words = ['hello', 'world', 'welcome'];` Here, `words` is an array. The array is storing 3 values. You can create an

 <https://www.programiz.com/javascript/array>



## Misollar

```
// concat()
const array1 = [1, 4];
const array2 = [2, 3, 7];
const result = array1.concat(array2);
console.log(result); // [1, 4, 2, 3, 7]

// find()
const findValue = (number) => number === 2;
```

```
const foundValue = result.find(findValue);
console.log(foundValue); // 2

// filter()
const filterValues = number => number > 5;
const filteredValues = result.filter(filterValues);
console.log(filteredValues); // 7

// map()
const mapValues = number => 'Son: ' + number;
const mappedValues = result.map(mapValues);
console.log(mappedValues); // ['Son: 1', 'Son: 4', ...]

const sortValues = (number1, number2) => number1 - number2;
result.sort();
console.log(result); // [1, 2, 3, 4, 7];
```