

# JavaScript Array Methods

- description : JavaScript Array Methods
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## The source of this article

### JavaScript Array Methods

JavaScript      toString()

```
let fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo").innerHTML = fruits.toString(); //
Banana,Orange,Apple,Mango
```

join()

join()      toString()      가      (separator)

```
let fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo").innerHTML = fruits.join(" * ");
// Banana * Orange * Apple * Mango
```

## Popping and Pushing

,      가      .

popping    pushing      .

(popping),      (pushing).

### Popping

pop()

```
let fruits = ["Banana", "Orange", "Apple", "Mango"];
```

```
document.getElementById("demo1").innerHTML = fruits; //  
Banana, Orange, Apple, Mango  
fruits.pop(); // remove Mango  
document.getElementById("demo2").innerHTML = fruits; // Banana, Orange, Apple
```

pop() (popped out) .

```
let fruits = ["Banana", "Orange", "Apple", "Mango"];  
document.getElementById("demo1").innerHTML = fruits; //  
Banana, Orange, Apple, Mango  
document.getElementById("demo2").innerHTML = fruits.pop(); // Mango  
document.getElementById("demo3").innerHTML = fruits; //  
Banana, Orange, Apple
```

## Pushing

push() 가 .

```
let fruits = ["Banana", "Orange", "Apple", "Mango"];  
document.getElementById("demo").innerHTML = fruits;  
  
function myFunction() {  
  fruits.push("Kiwi");  
  document.getElementById("demo").innerHTML = fruits; //  
Banana, Orange, Apple, Mango, Kiwi  
}
```

push() :

```
let fruits = ["Banana", "Orange", "Apple", "Mango"];  
document.getElementById("demo1").innerHTML = fruits; //  
Banana, Orange, Apple, Mango  
  
function myFunction() {  
  document.getElementById("demo2").innerHTML = fruits.push("Kiwi"); // 5  
  document.getElementById("demo1").innerHTML = fruits; //  
Banana, Orange, Apple, Mango, Kiwi  
}
```

## Shifting Elements

Shifting popping , .

shift() , ( ) “ ”

```

let fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo1").innerHTML = fruits; //
Banana, Orange, Apple, Mango
fruits.shift(); // remove first element "Banana" from fruits
document.getElementById("demo2").innerHTML = fruits; // Orange, Apple, Mango

```

shift() 가 :

```

let fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo1").innerHTML = fruits; //
Banana, Orange, Apple, Mango
document.getElementById("demo2").innerHTML = fruits.shift(); // Banana
document.getElementById("demo3").innerHTML = fruits; //
Orange, Apple, Mango

```

unshift() 가 , (“unshifts” older elements):

```

let fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo").innerHTML = fruits;
//Banana, Orange, Apple, Mango

function myFunction() {
  fruits.unshift("Lemon");
  document.getElementById("demo").innerHTML = fruits; //
Lemon, Banana, Orange, Apple, Mango
}

```

unshift() .

```

let fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo1").innerHTML = fruits; //
Banana, Orange, Apple, Mango
document.getElementById("demo2").innerHTML = fruits.unshift("Lemon"); // 5
document.getElementById("demo3").innerHTML = fruits; //
Lemon, Banana, Orange, Apple, Mango

```

## Changing Elements

(index number)

0 . [0] , [1] , [2] ...

length 가 .

## Deleting Elements

JavaScript , JavaScript delete :

delete (holes) . pop()  
shift() .

[, Javascript, Array, Methods](#)

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