

JavaScript Sorting Arrays

- description : JavaScript Sorting Arrays
- author :
- email : shlim@repia.com
- lastupdate : 2021-04-27

The source of this article

[JavaScript Sorting Arrays](#)

Sorting an Array

sort()

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

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

Reversing an Array

reverse()

```
// Create and display an array:
let fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo1").innerHTML = fruits; // Banana,Orange,Apple,Mango

function myFunction() {
```

```
fruits.sort();           // First sort the elements of fruits
document.getElementById("demo2").innerHTML = fruits; //
Apple,Banana,Mango,Orange
fruits.reverse();        // Then reverse the order of the elements
document.getElementById("demo3").innerHTML = fruits; //
Orange,Mango,Banana,Apple
}
```

Numeric Sort

```
, sort()
    .
    .
    ("Apple"   "Banana"      ).
    " 2 " 가 " 1 "           " 25 " 가 " 100 "
sort()
    .
    .
(compare function)
    :
```

```
let points = [40, 100, 1, 5, 25, 10];
document.getElementById("demo").innerHTML = points; // 40,100,1,5,25,10

function myFunction() {
    points.sort(function (a, b) { return a - b });
    document.getElementById("demo").innerHTML = points; // 1,5,10,25,40,100
}
```

```
:
:
let points = [40, 100, 1, 5, 25, 10];
document.getElementById("demo").innerHTML = points; // 40,100,1,5,25,10

function myFunction() {
    points.sort(function (a, b) { return b - a });
    document.getElementById("demo").innerHTML = points; // 100,40,25,10,5,1
}
```

The Compare Function

```
, 0
function (a, b) {return a-b}
```

sort() (, 0,)

가 , a가 b

가 , b가 a

가 0 , 가

(a, b)

40 100 , sort() compare function (40, 100)

40-100 (a-b) , 가 (-60) 40 100

```
let points = [40, 100, 1, 5, 25, 10];
document.getElementById("demo").innerHTML = points; // 40,100,1,5,25,10

function myFunction1() {
  points.sort();
  document.getElementById("demo").innerHTML = points; // 1,10,100,25,40,5
}
function myFunction2() {
  points.sort(function (a, b) { return a - b });
  document.getElementById("demo").innerHTML = points; // 1,5,10,25,40,100
}
```

[Javasctipt, Sorting, Arrays, box-sizing](#)

From:
<http://125.132.25.164/dokuwiki/> -

- 2023.12



Permanent link:

http://125.132.25.164/dokuwiki/doku.php?id=wiki:javascript:javascript_note:js_array_sort&rev=1619501502

Last update: 2022/03/10 19:52