

JS & DOM Reference

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JavaScript sort() Method



Definition and Usage

The sort() method sorts the elements of an array.

Note: This method changes the original array!

Syntax

```
array.sort(sortfunc)
```

Parameter	Description
sortfunc	Optional. A function that defines the sort order

Browser Support



The sort() method is supported in all major browsers.

Tips and Notes

Note: By default, the sort() method sorts the elements alphabetically and ascending. However, numbers will not be sorted correctly (40 comes before 5). To sort numbers, you must add a function that compare numbers.

Examples

Example 1

Sort an array (alphabetically and ascending):

```
<script type="text/javascript">

var fruits = ["Banana", "Orange", "Apple", "Mango"];
document.write(fruits.sort());

</script>
```

The output of the code above will be:

Apple,Banana,Mango,Orange

Try it yourself »

Example 2

Sort numbers (numerically and ascending):

```
<script type="text/javascript">

function sortNumber(a,b)
{
  return a - b;
}

var n = ["10", "5", "40", "25", "100", "1"];
document.write(n.sort(sortNumber));

</script>
```

The output of the code above will be:

1,5,10,25,40,100

Try it yourself »

Example 3

Sort numbers (numerically and descending):

```
<script type="text/javascript">

function sortNumber(a,b)
{
  return b - a;
}

var n = ["10", "5", "40", "25", "100", "1"];
document.write(n.sort(sortNumber));

</script>
```

The output of the code above will be:

100,40,25,10,5,1

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