JavaScript splice() Method

🔥 JavaScript Array Object

Definition and Usage

The splice() method adds and/or removes elements to/from an array, and returns the removed element(s).

Note: This method changes the original array!

Syntax

```
array.splice(index,howmany,element1,.....,elementX)
```

Parameter	Description
index	Required. An integer that specifies at what position to add/remove elements
howmany	Required. The number of elements to be removed. If set to 0, no elements will be removed
element1, ..., elementX	Optional. The new element(s) to be added to the array

Browser Support

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

Examples

Example 1

Add an element to position 2 in the array:

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

var fruits = ["Banana", "Orange", "Apple", "Mango"];
document.write("Added: " + fruits.splice(2,0,"Lemon") + "<br />");
document.write(fruits);

</script>
```

The output of the code above will be:

```
Added:
Banana,Orange,Lemon,Apple,Mango
```

Try it yourself »

Example 2

Remove one element from position 2, and add a new element to position 2 in the array:

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

var fruits = ["Banana", "Orange", "Apple", "Mango"];
document.write("Removed: " + fruits.splice(2,1,"Lemon") + "<br />");
document.write(fruits);

</script>
```

The output of the code above will be:

```
Removed: Apple
Banana,Orange,Lemon,Mango
```

Try it yourself »

Example 3

Remove two elements, start from position 2, and add a new element to position 2 in the array:

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

var fruits = ["Banana", "Orange", "Apple", "Mango"];
document.write("Removed: " + fruits.splice(2,2,"Lemon") + "<br />");
document.write(fruits);

</script>
```

The output of the code above will be:

```
Removed: Apple,Mango
Banana,Orange,Lemon
```

Try it yourself »

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