

More Array Methods

```
<p id="demo1"></p>
```

```
<p id="demo2"></p>
```

```
<p id="demo3"></p>
```

```
<p id="demo4"></p>
```

```
<script>
```

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

```
    document.getElementById("demo1").innerHTML = fruits;
```

```
</script>
```

```
</body>
```

```
</html>
```

fruits Array

fruits[index#]			
fruits[0]	fruits[1]	fruits[2]	fruits[3]
Banana	Orange	Apple	Mango

Changing Elements of an Array

Refer to their index number.

fruits[0] = "Pineapple"

fruits[index]			
fruits[0]	fruits[1]	fruits[2]	fruits[3]
Banana	Orange	Apple	Mango

Adding new items to an Array- **SPLICE**

Splice – **adds** new items to an array in a **specified** position.

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

```
fruits.splice(2, 0, "Lemon", "Kiwi");
```

2 – defines the position where new elements should be added.

0 – defines how many elements to be removed

Adding/Removing items to/from an Array- **SPLICE**

Splice – also **adds/remove** items to an array in a **specified** position.

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

```
fruits.splice(2, 2, "Lemon", "Kiwi");
```

2 – defines the position where new elements should be added.

2 – defines how many elements to be removed

Removing items from an Array- **SPLICE**

Splice – **adds** new items to an array in a **specified** position.

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

```
fruits.splice(1, 2);
```

- 1** – defines the position where new elements should be added (if any).
- 2** – defines how many elements to be removed

Adding new items to an Array- **SLICE**

Slice – **slices** out a part of an array into a **new array**.

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

```
citrus = fruits.slice(1);
```

1 – defines the position where new array slice

.

Orange, Lemon, Apple, Mango

SPLICE or SLICE

Splice – adds or removes items from an original array.

Slice – creates a new array. Original array remains the same.

Merging Arrays- **CONCAT**

Concat – **creates** a new array by merging existing arrays.

Method for sorting the Array - **REVERSE**

Reverse – reverses the elements in the array.

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

```
fruits.reverse( )
```