

Javascript presentation

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Array methods

toString

Converts an array to a string, and returns the result

Example :

```
const colours = ["blue", "red", "green", "yellow"];  
document.getElementById("demo").innerHTML = colours.toString();
```

Result:

blue,red,green,yellow

join

Joins all elements of an array into a string

Example:

```
const colours = ["blue", "red", "green", "yellow"];  
document.getElementById("demo").innerHTML =  
  colours.join(" * ");
```

Result:

blue * red * green * yellow

Concat

Joins arrays and returns an array with the joined arrays

Example:

```
const arr1 = ["blue", "red"];  
const arr2 = ["green", "yellow", "pink"];  
const colours = arr1.concat(arr2);
```

Result:

Blue,red,green, yellow,pink

Some

Checks if any of the elements in an array pass a test

Example:

```
let marks = [ 4, 5, 7, 9, 10, 3 ];
```

```
lessThanFive = marks.some(function(e) {  
    return e < 5;  
});  
console.log(lessThanFive);
```

Result:

true

every

Checks if every element in an array
pass a test

Example :

```
let numbers = [1, 3, 5];  
let result = numbers.every(function (e) {  
    return e > 0;  
});  
console.log(result);
```

Result:

true

indexOf

Search the array for an element
and returns its position

Example:

```
const fruits = ["Banana", "Orange", "Apple",  
"Mango"];  
let index = fruits.indexOf("Apple");
```

```
document.getElementById("demo").innerHTML  
= index;
```

Result : 2

Mouse events

Mouse Down Event

Call a function when pressing a mouse button over a paragraph:

Example:

```
object.onmousedown = function(){myScript};
```

Mouse Over

The mouse pointer is moved over an element

Example:

```
object.onmouseover = function(){myScript};
```
