

JAVASCRIPT TIPS



JavaScript

8 ARRAY LOOPS



for

```
const array = [1,2,3,4,5];

for (let index = 0; index < array.length; index++) {
  console.log(array[index]);
}

// 1 2 3 4 5
```

while

```
let index = 0;
const array = [1,2,3,4,5];

while (index < array.length) {
  console.log(array[index]);
  index++;
}

// 1 2 3 4 5
```

forEach

```
const array = [1,2,3,4,5];

array.forEach(function(current_value, index, array) {
  console.log(current_value);
});

// 1 2 3 4 5
```

map

```
const array = [1,2,3,4,5];  
const square = x => Math.pow(x, 2);  
const squares = array.map(square);  
  
console.log(`Original array: ${array}`);  
console.log(`Squared array: ${squares}`);  
  
// Original array: 1,2,3,4,5  
// Squared array: 1,4,9,16,25
```

reduce

```
const array = [1,2,3,4,5];  
const sum = (x, y) => x + y;  
const array_sum = array.reduce(sum, 0);  
  
console.log(`The sum of array: ${array} is ${array_sum}`);  
  
// The sum of array: 1,2,3,4,5 is 15
```

filter

```
const array = [1,2,3,4,5];
const even = x => x % 2 === 0;
const even_array = array.filter(even);

console.log(`Even numbers in array ${array}: ${even_array}`);

// Even numbers in array 1,2,3,4,5: 2,4
```


every

```
const array = [1,2,3,4,5];
const under_seven = x => x < 7;

if (array.every(under_seven)) {
  console.log('less than 7');
} else {
  console.log('bigger than 7');
});

// less than 7
```


some

```
const array = [1,2,3,9,5,6,4];
const over_seven = x => x > 7;

if (array.some(over_seven)) {
  console.log('element bigger than 7 was found');
} else {
  console.log('No element bigger than 7 was found');
};

// element bigger than 7 was found
```

TURN ON POST NOTIFICATIONS ...

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DROP A COMMENT

SAVE FOR LATER

