

JavaScript Tricks You Must Know !



1. Sum All The Values From An Array.

```
var numbers = [3, 5, 7, 2];  
var sum = numbers.reduce((x, y) => x + y);  
console.log(sum); // returns 17
```

2. Using Length To Resize An Array.

```
var array = [11, 12, 13, 14, 15];  
console.log(array.length); // 5  
  
array.length = 3;  
console.log(array.length); // 3  
console.log(array); // [11,12,13]  
  
array.length = 0;  
console.log(array.length); // 0  
console.log(array); // []
```

3. Shuffle Elements From Array

```
var list = [1, 2, 3, 4, 5, 6, 7, 8, 9];  
console.log(list.sort(function() {  
    return Math.random() - 0.5  
}));  
// [4, 8, 2, 9, 1, 3, 6, 5, 7]
```

4. Filtering For Unique Values

```
const my_array = [1, 2, 2, 3, 3, 4, 5, 5]  
const unique_array = [...new Set(my_array)];  
console.log(unique_array); // [1, 2, 3, 4, 5]
```

5. Comma Operator

The comma operator (,) evaluates each of its operands (from left to right) and returns the value of the last operand.

```
let x = 1;

x = (x++, x);

console.log(x);
// expected output: 2

x = (2, 3);

console.log(x);
// expected output: 3
```

6. Swap Values With Array Destructuring

```
let a = 1, b = 2
[a, b] = [b, a]
console.log(a) // -> 2
console.log(b) // -> 1
```

7. Short Circuit Conditionals

```
if (hungry) {  
    goToFridge();  
}
```

We can make it more shorter by using the variable with the function. 🙌

```
hungry && goToFridge()
```




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