



Piyush
@frontendeveything

Tips & Tricks For Writing Clean Code In JS 🔥



Shortening "For Loop"

A normal "for loop" is written like this:



```
const fruits = ["Apple", "Mango", "Peach"];

for (let i = 0; i < fruits.length; i++) {
  const fruit = fruits[i];
  console.log(fruit);
}
```

But we can actually shorten it!



```
const fruits = ["Apple", "Mango", "Peach"];
for (let fruit of fruits) console.log(fruit);
```

Filtering Unique Values

The 'spread' operator, it can be used to create a new array with only unique values.



```
const array = [1, 1, 2, 3, 5, 5, 1]
const uniqueArray = [...new Set(array)];

console.log(uniqueArray); // Output: [1, 2, 3, 5]
```

Getting A Random Number In A Specific Range

This code snippet will be useful when you have to generate data for testing purpose, eg: A salary between min and max.



```
var x = Math.floor(Math.random() * (max - min + 1)) + min;
```


Convert To Boolean

We can easily convert a value to Boolean using !!



```
console.log(!! ""); // Output: false
console.log(!! " "); // Output: true
console.log(!! 0); // Output: false
console.log(!! 1); // Output: true
```

Swapping Variables

Swapping has become super easy using the concept of destructuring we learnt just now.



```
let name = 'Mike';  
let fruit = 'Apple';  
  
[fruit, name] = [name, fruit];  
console.log(name, fruit);
```

Convert To Number

Usually, in order to convert a string to a number, we write this code:



```
let num = "8"  
let stringNumber = Number(num);
```