## 5 Killer JavaScript Hacks Wish I Knew Sooner

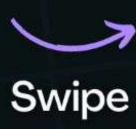


### Short-Circuit Evaluation for Default Values

Skip the **if-else** for default values. Use for a cleaner, one-liner assignment.

```
// Old Way X
let userName;
if (userInput) {
   userName = userInput;
} else {
   userName = 'Guest';
}

// Modern Way 
const userName = userInput || 'Guest'; // Defaults to 'Guest' if
   userInput is falsy
```



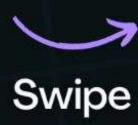
### Swap Variables without a temporary Variable

Use array destructuring to swap values in a single line, no temp variable needed.

```
// Old Way X

let temp = a;
a = b;
b = temp;

// Modern Way 
let a = 1, b = 2;
[a, b] = [b, a]; // Now a is 2 and b is 1
```

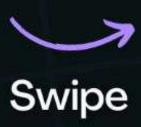


#### Clone an Array Quickly

Clone arrays with the **spread operator** for a simpler, more intuitive method.

```
// Old Way X
const clone = original.slice();

// Modern Way 
const original = [1, 2, 3];
const clone = [...original];
```

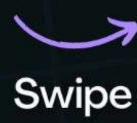


### Easily Remove Duplicates from an Array

Remove duplicates using **Set**, turning it into a concise one-liner modern solution.

```
// Old Way X
const uniqueArray = [];
for (let i = 0; i < array.length; i++) {
   if (!uniqueArray.includes(array[i])) {
      uniqueArray.push(array[i]);
   }
}

// Modern Way ✓
const uniqueArray = [...new Set([1, 2, 2, 3, 4, 4])];</pre>
```



### Convert a String to a Number Quickly

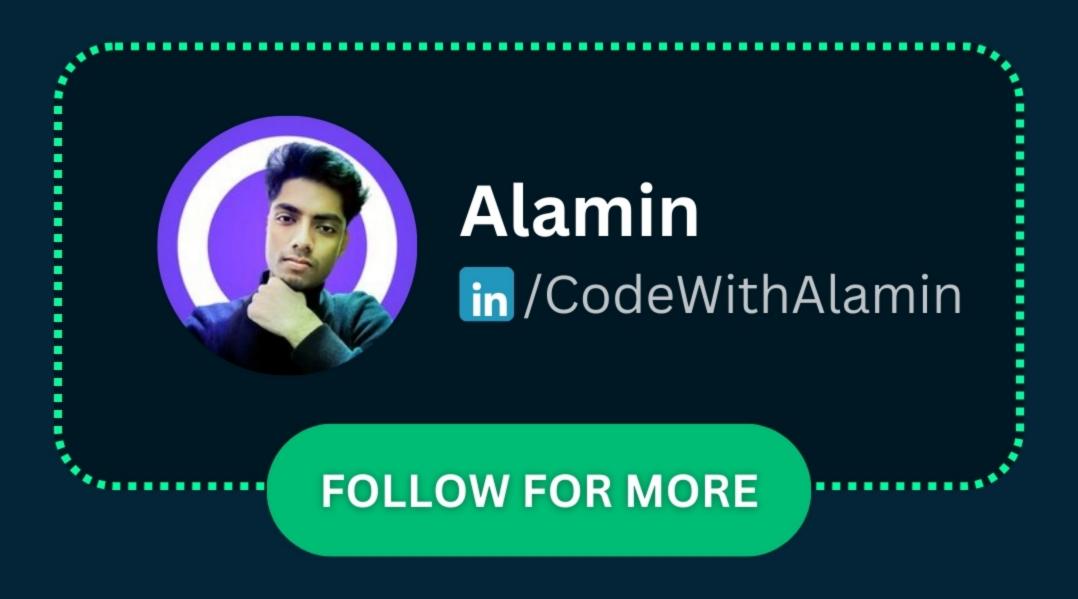
Convert **strings** to **numbers** with the unary **+** operator for a quick solution.

```
// Old Way X
const num = parseInt('42', 10);

// Modern Way 
const num = +'42';
```

# Did you find it Useful?

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