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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 ❌  
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 ❌

```
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
```



Swipe

Clone an Array Quickly

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



// Old Way ❌

```
const clone = original.slice();
```

// Modern Way ✅

```
const original = [1, 2, 3];
```

```
const clone = [...original];
```



Swipe

Easily Remove Duplicates from an Array

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

```
// Old Way ❌  
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])];
```


Convert a String to a Number Quickly

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



// Old Way ❌

```
const num = parseInt('42', 10);
```

// Modern Way ✅

```
const num = +'42';
```

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