

# 8 JavaScript One-Liners For Experts



Halim Shams



## Swapping Values

Use **array destructuring** to swap values.

```
let a = 1, b = 2;  
[a, b] = [b, a];  
  
// a = 2, b = 1
```



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# Object Destructuring

Extract **object properties** into variables.

```
const {name, age} = {name: 'John', age: 30};  
  
// name = John, age = 30
```



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## Cloning Objects

Use the **spread operator** to clone objects.

```
const originalObj = {name: 'Jane', age: 22};  
const clonedObj = {...originalObj};  
  
// clonedObj = {name: 'Jane', age: 22}
```



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## Merging Objects

Combine objects with the spread operator.

```
const obj1 = {name: 'Jane'};  
const obj2 = {age: 22};  
const mergedObj = {...obj1, ...obj2};  
  
// mergedObj = {name: 'Jane', age: 22}
```



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## Cleaning Arrays

Filter out values you don't need from arrays.

```
const arr = [0, 1, false, 2, '', 3];  
const cleanedArray = arr.filter(Boolean);  
  
// cleanedArray = [1, 2, 3]
```



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## NodeList to Array

Use the spread operator to **convert** **NodeList** to array.

```
const nodesArray = [...document.querySelectorAll('div')];
```



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## Check Array Conditions

Use `.some()` to check for conditions in an array.

```
const arr = [1, 2, 3, -1, 4];  
const hasNegativeNumbers = arr.some(num => num < 0);  
  
// hasNegativeNumbers = true
```



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## Copy to Clipboard

Use **Clipboard API** to copy text programmatically.

```
navigator.clipboard.writeText('Text to copy');
```

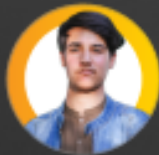


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