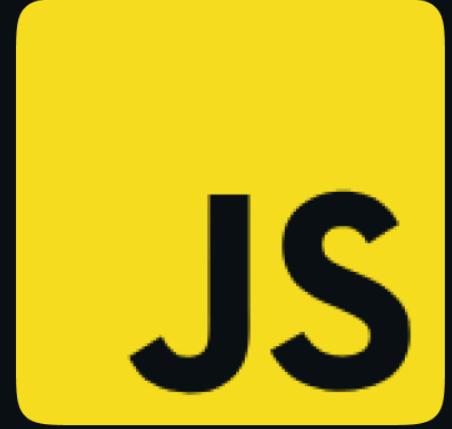
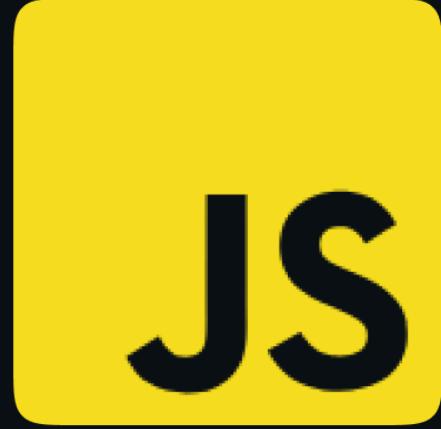


Short & Sweet: 15 JavaScript Snippets

 JavaScript Mastery



1. Get current date and time



```
const currentTime = new Date();
console.log(currentTime);
```

// Fri Jul 12 2024 12:30:04 GMT+1000 (Australian Eastern Standard Time)



```
const numbers = [5, 2, 7, 10, 1];
const maxNumber = Math.max(...numbers);
console.log(maxNumber);
```

// 10

3. Shuffle array



```
function shuffleArray(array) {  
  return array.sort(() => Math.random() - 0.5);  
}
```

4. Generate random number between 1 and 10



```
const randomNumber = Math.floor(Math.random() * 10) + 1;  
console.log(randomNumber);  
  
// 7
```

5. Convert string to lowercase



```
const str = 'Hello, World!';  
console.log(str.toLowerCase());  
  
// hello, world!
```

6. Check if even or odd number



```
const num = 5;  
if (num % 2 === 0) {  
  console.log('Number is even');  
} else {  
  console.log('Number is odd');  
}  
  
// 'Number is odd'
```

7. Create a simple 10 second countdown timer



```
let seconds = 10;
const countdown = setInterval(() => {
  console.log(seconds);
  seconds--;
  if (seconds < 0) {
    clearInterval(countdown);
    console.log('Countdown finished!');
  }
}, 1000);

// 10
// 9
// 8
// 7
// 6
// 5
// 4
// 3
// 2
// 1
// Countdown finished!
```

8. Convert array of numbers to array of strings



```
const numbers = [1, 2, 3, 4, 5];
const strings = numbers.map(String);
console.log(strings);

// ['1', '2', '3', '4', '5']
```

9. Remove duplicates



```
let arr = ["apple", "mango", "apple", "orange", "mango", "mango"];
const removeDuplicates = arr => [...new Set(arr)];

console.log(removeDuplicates(arr));

// ['apple', 'mango', 'orange']
```

10. Convert sentence to array of words



```
const sentence = 'The quick brown fox jumps over the lazy dog';
const words = sentence.split(' ');

console.log(words);

// ['The', 'quick', 'brown', 'fox', 'jumps', 'over', 'the', 'lazy', 'dog']
```

11. Repeat string



```
function repeatString(str, n) {
  return str.repeat(n);
}

const repeatedStr = repeatString('abc', 3);
console.log(repeatedStr);

// 'abcabcabc'
```

12. Find intersection of arrays



```
// Define the intersection function
const intersection = (a, b) => a.filter(value => b.includes(value));

// Example arrays
const arrayA = [1, 2, 3, 4, 5];
const arrayB = [4, 5, 6, 7, 8];

// Use the intersection function to find common elements
const result = intersection(arrayA, arrayB);

// Log the result to the console
console.log(result);

// [4, 5]
```

13. Create dynamic strings



```
const name = 'John Doe';
const greeting = `Hello, ${name}!`;
console.log(greeting); // "Hello, John Doe!"
```

14. Merge objects



```
const person = { name: 'Jane' };
const details = { age: 30 };

const fullDetails = { ...person, ...details };
console.log(fullDetails);

// { name: 'Jane', age: 30 }
```

15. Redirect to new URL after a delay



```
setTimeout(() => location.href = "https://jsmastery.pro", 5000);
```

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