JavaScript Cheatsheet: Properties, Methods & Syntax Reference

Table of Contents

1. Data Types

Primitive Types	Reference Types
String, Number, Boolean, Null, Undefined, Symbol, BigInt	Object, Array, Function, Date, RegExp

2. Variables

let, const, var – scope differences

Hoisting, temporal dead zone

3. String Properties & Methods

.length, .toUpperCase(), .toLowerCase(), .substring(), .includes(), .replace(), .trim()

4. Number Methods

toFixed(), parseInt(), parseFloat(), isNaN(), Math object methods

5. Array Methods

.push(), .pop(), .shift(), .unshift()

.slice(), .splice(), .concat(), .indexOf(), .includes()

.map(), .filter(), .reduce(), .find(), .sort(), .forEach()

6. Object Properties & Methods

Object.keys(), Object.values(), Object.entries(), Object.assign()

Property access via dot and bracket notation

7. Function Essentials

Function declaration vs expression

Arrow functions, default parameters, rest/spread

call, apply, bind, closures

8. Loops & Conditionals

for, while, do-while, for...of, for...in

if, else if, switch

9. DOM Properties & Methods

getElementById, querySelector, addEventListener

.innerText, .innerHTML, .classList add/remove, .style.property

10. Events

Mouse Events click, dblclick, mouseover, mouseout

Keyboard Events keydown, keyup, keypress

Form Events submit, change, input

11. Timers

setTimeout(), setInterval(), clearTimeout(), clearInterval()

12. ES6+ Features

Destructuring, spread/rest, template literals

Promise, async/await

Map, Set, WeakMap, WeakSet

13. Browser Storage

localStorage, sessionStorage, cookies

14. Miscellaneous

typeof, instanceof

JSON.stringify(), JSON.parse()

Error handling: try...catch...finally