### JAVASCRIPT

### Cheat Sheet

A Quick Guide to Mastering JS Essentials!

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#### DATA TYPES

- Number
- BigInt

Symbol

- String
- Null

Array

- Boolean
- Undefined
- Object

#### **LOOPS**

- for
- while
- for...of
- for...in

do...while

#### CONTROL FLOW

break continue if...else

switch

#### **NUMBER METHODS**

- .toFixed()
- .toString()
- .toPrecision()
- Number.isInteger()
- Number.isNaN()



#### STRING METHODS

- .charAt()
- .concat()
- .includes()
- .indexOf()
- .lastIndexOf()
- .slice
- splice

- .split()
- substring
- .toLowerCase()
- .toUpperCase()
- .trim()
- .replace
- .startsWith()

#### **ARRAY METHODS**

- .push()
- .pop()
- .shift()
- .unshift()
- .concat()
- .slice()
- .splice()

- .indexOf()
- .lastIndexOf()
- .includes()
- .find()
- .findIndex()
- .filter()
- .map()

- .reduce()
- .forEach()
- .some()
- .every()
- .sort()
- .reverse()
- .join()



#### **OBJECT METHODS**

- Object.keys()
- Object.value()
- Object.entries()
- Object.assign()
- Object.freeze()

- Object.seal()
- Object.create()
- Object.hasOwnProperty
- Object.getPrototype()

#### **MATH METHODS**

- Math.abs()
- Math.ceil()
- Math.floor()
- Math.round()
- Math.trunc()

- Math.min()
- Math.max()
- Math.random()
- Math.pow()
- Math.sqrt()

#### DATE METHODS

- .getFullYear()
- .getMonth()
- .getDate()
- .getDay()
- .getHours()
- getMinutes()
- .getSeconds()
- .getTime()
- getMilliseconds()

- setFullYear()
- .setMonth()
- .setDate()
- setHours()
- .setMinutes()
- .setSeconds()
- setTime()
- setMilliseconds()

#### PROMISE METHODS

- Promise.all()
- Promise.race()
- Promise.resolve().finally()
- Promise.reject()

- .then()
- .catch()

#### **EVENTS**

- onchange
- onclick
- onmouseover
- onmouseout
- onkeydown
- onload

#### **FUNCTION TYPES**

Anonymous Fun Regular Fun Arrow Fun

- IIFE
- Callback Fun
- Higher Order Fun

#### **MISCELLANEOUS**

- setTimeout()
- clearTimeout()
- setInterval()
- clearInterval()
- parseInt()

- parseFloat()
- JSON.stringify()
- JSON.parse()
- typeof
- instanceof



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Save this guide and share it with your network! Let's make array manipulation simpler and smarter.

