

SheCodes JavaScript Cheatsheet

Looking for the best JavaScript cheats and snippets? SheCodes Javascript Cheatsheet has you covered! We offer a wide range of JavaScript cheat sheets, including fundamentals and methods. Our cheat sheets are designed to help you quickly reference the most commonly used JS techniques for creating dynamic web pages. Whether you're new to JavaScript or an experienced developer, our cheat sheets and code examples are a valuable resource. Check them out today!

Search cheatsheets.. **Variables** General Comments Variable creation // this is a comment let school = "SheCodes"; /* or this is a comment */ let fullPackage = "SheCodes Pro"; let projects = 4; let awesome = true; This code will be ignored. Comments are generally a bad idea, your code More info More info **Alerts & Prompts Variable operations Alert** Copy code alert("01á"); let name = "Angela"; alert(name); JavaScript More info **Prompt** Copy code let firstName = prompt("What is your first name"); let lastName = prompt("What is your last name"); let fullName = firstName + " " + lastName; alert(fullName); JavaScript More info Structure structure types If else if statement டு Copy code



```
alert("You are cool");
if (country !== "Portugal") {
 alert("Too bad for you");
                                                                 Strings
More info
                                                                    Creating a string
if else statement
                                                                   let name = "SheCodes"; // "SheCodes"
```

```
let age = prompt("How old are you?");
if (age < 18) {
 alert("You cannot apply");
} else {
 alert("You can apply");
More info
```

Nested if else statements

```
if (age < 18) {
 alert("you can't apply");
} else {
 if (age > 120) {
   alert("you can't apply");
 } else {
   alert("you can apply");
}
```

More info

More info

String concatenation

```
let firstName = "Julie";
let lastName = "Johnson";
let fullName = firstName + " " + lastName; // "Julie Johnson"
let fullName = `${firstName} ${lastName}`;
```

Trim

```
let city = " Montreal ";
city.trim(); // "Montreal"
```

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Logical Or

```
if (age < 18 || gender === "male") {</pre>
 alert("You can't join SheCodes []");
```

The code will be executed if one statement is true.

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Replace

```
let city = "Montreal";
city = city.replace("e", "é"); // "Montréal"
```

InvaCarint

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Logical And

```
if (continent === "Europe" && language === "Portuguese") {
 alert("You are from Portugal PT");
} else {
 alert("You are not from Portugal");
```

The code will be executed if both statements are true.

More info

toLowerCase

```
let city = "Montreal";
city = city.toLowerCase(); // "montreal"
```

More info

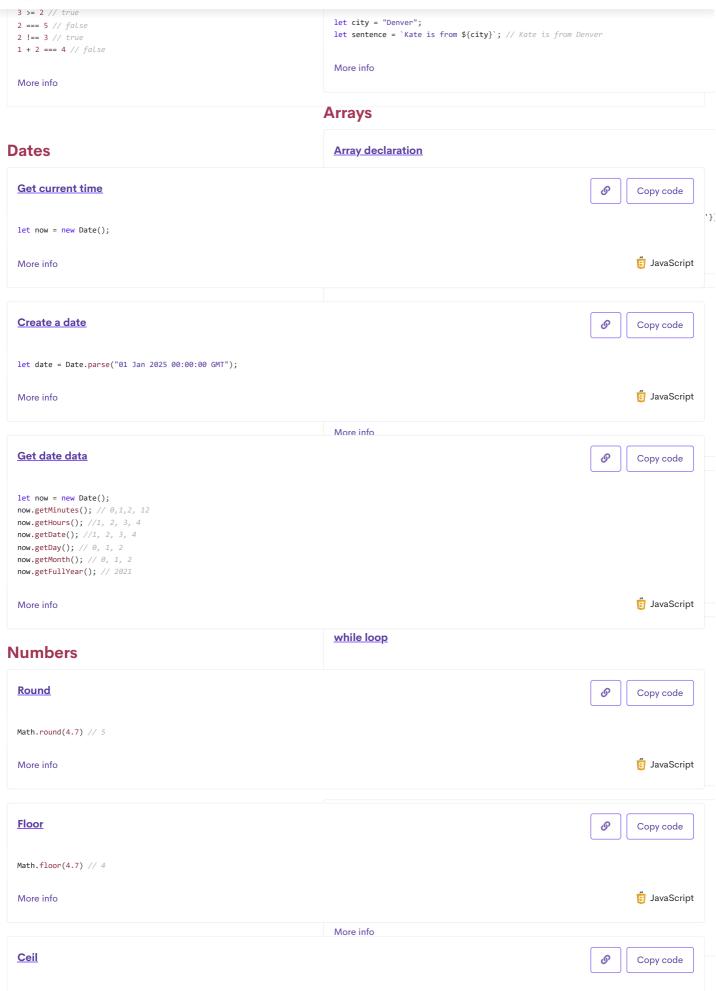
toUpperCase

```
let city = "Montreal";
city = city.toUpperCase(); // "MONTREAL"
```

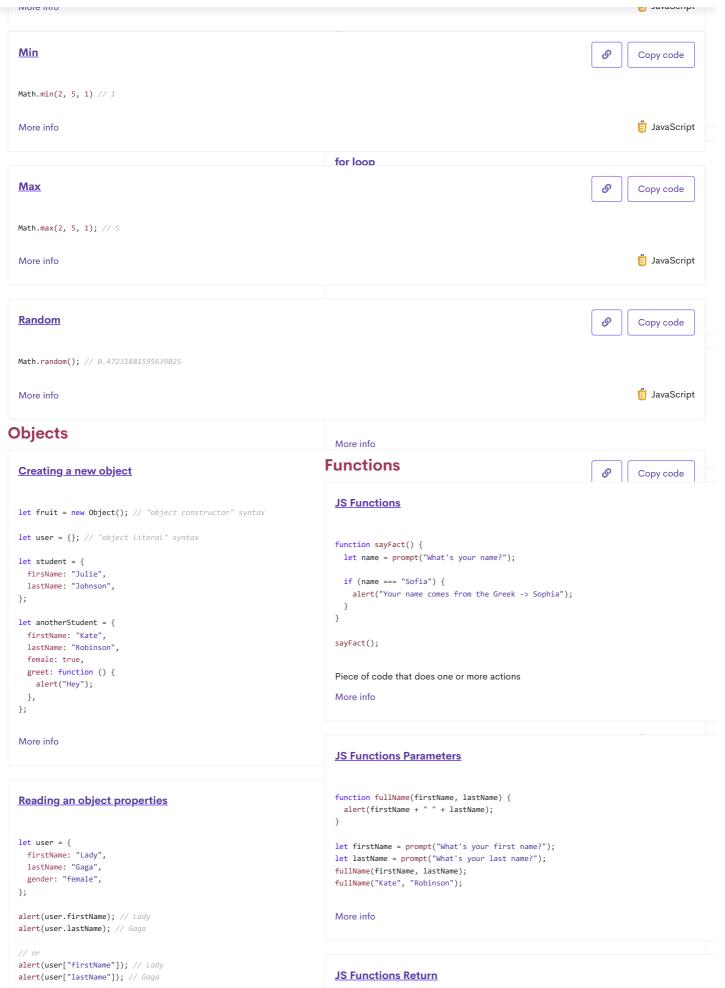
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Comparison and Logical Operators











Adding object properties

```
let user = {
  firstName: "Lady",
  lastName: "Gaga",
  gender: "female",
};
user.profession = "Singer";
```

let result2 = add(result, 0);

function getFullName(firstName, lastName) {
 let fullName = firstName + " " + lastName;
 return fullName;
}

let userFullName = getFullName("Kate", "Robinson");
 alert(userFullName); // Kate Robinson
 alert(getFullName("Julie", "Smith")); // Julie Smith

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let result = add(3, 4);

Object Arrays

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More info

More info

Events

```
let users = [
    {
        firstName: "Bradley",
        lastName: "Cooper",
    },
    {
        firstName: "Lady",
        lastName: "Gaga",
    },
    ];

users.forEach(function (user, index) {
    for (let prop in user) {
        alert(prop + " is " + user[prop]);
    }
});
```

Closures

```
function hello() {
  function go(name) {
    alert(name);
  }
  let name = "SheCodes";
  go(name);
}
hello();
```

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Enumerating the properties of an object

```
let user = {
    firstName: 'Lady',
    lastName: 'Gaga',
    gender: 'female'
}

for(let prop in user) {
    alert(prop); // firstName, lastName, gender
    alert(user[prop]); // 'Lady', 'Gaga', 'female'
}
```

Debugging



Console.log

```
console.log(name);
console.log("Let's code!");
```

Outputs a message to the web console.

More info

Selectors

QuerySelector

```
let li = document.querySelector("1i");
let day = document.querySelector(".day");
let paragraph = document.querySelector("ul#list p");
```

Returns the first element (if any) on the page matching the selector.

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Creating an event listener

```
function sayHi() {
    alert("hi");
}
let element = document.querySelector("#city");
element.addEventListener("click", sayHi);
```



Copy code



function signUp(event) {
 event.preventDefault();

console.log(input.value);

let input = document.querySelector("#email");

let form = document.querySelector("form");

More into **AJAX AJAX with Fetch** setTimeout let root = 'https://jsonplaceholder.typicode.com' function sayHello() { let path = 'users/1' alert('Hello') fetch(root + '/' + path) setTimeout(sayHello, 3000); .then(response => (response.json() It will only alert Hello after a 3 second delay .then(json => (More info console.log(json) Note: We recommend axios instead setInterval More info function sayHello() { alert('Hello') **AJAX with Axios** setInterval(sayHello, 3000); <!DOCTYPE html> It will say Hello every 3 seconds <html> More info <head> <script src="https://unpkg.com/axios/dist/axios.min.js"></script> <body> <script> **Element manipulation** function showUser(response) { **HTML classes** Copy code let li = document.querySelector("li#special"); li.classList.remove("liked"); li.classList.add("something"); Update the element class names. JavaScript More info **APIs HTML** content **Geolocation API** let li = document.querySelector("li") li.innerHTML = "Hello World"; function handlePosition(position) { ${\tt console.log(position.coords.latitude);}$ console.log(position.coords.longitude); Update the HTML content of the selected element. More info navigator.geolocation.getCurrentPosition(handlePosition) The Geolocation API allows the user to provide their location to web applications if they so location information. **Forms** More info <form> <input type="text" id="email" /> </form> <script>