

JS

Console Statements

in **JavaScript**



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console.log()

Used to print any kind of variables defined before in it or to just **print any message** that needs to be displayed to the user.

```
var a = 2;
console.log(a);
```

Elements	Console	Sources
top	2	Filter





console.dir()

Displays an interactive list of the **properties** of the specified JavaScript object. The output is presented as a **hierarchical listing** with disclosure triangles that let you see the contents of child objects.

```
◀ console.dir(document.location);
https://developer.mozilla.org/en/DOM/console.dir
▶ assign: function assign()
▶ constructor: Location
hash: ""
host: "developer.mozilla.org"
hostname: "developer.mozilla.org"
href: "https://developer.mozilla.org/en/DOM/console.dir"
pathname: "/en/DOM/console.dir"
port: ""
protocol: "https:"
▶ reload: function reload()
▶ replace: function replace()
search: ""
```





console.table()

Displays tabular data as a table.

data is a mandatory argument, which must be an array or an object. It logs **data** as a table.



```
console.table(["apples", "oranges", "bananas"]);
```

(index)	Values
0	"apples"
1	"oranges"
2	"bananas"





console.group()

Using **console.group()** you can create new group of console.log() statements. Use `console.groupEnd()` to exit from the current group.

```
console.group("Post 1");
console.log("Post Created");
console.log("Post Edited");
console.log("Post Deleted");
console.groupEnd();
```

Post 1

Post Created
Post Edited
Post Deleted





console.time()

Allows you to time code for testing purposes.

```
● ● ●  
console.time("for loop");  
for (let i = 0; i < 10000000; i++) {  
}  
console.timeEnd("for loop");  
  
let i = 0;  
console.time("while loop");  
while (i < 1000000) {  
    i++;  
}  
console.timeEnd("while loop");
```

for loop: 1.256103515625 ms

while loop: 3.404296875 ms



Swipe →

1 2 3 4 5 6

console.count()

counts the number of times console.count()
is called.



```
for (let i = 0; i < 5; i++) {  
    console.count("Followers + ");  
}
```

Followers + : 1
Followers + : 2
Followers + : 3
Followers + : 4
Followers + : 5



Swipe →



console.assert()

Writes a **message** to the console if an expression evaluates to **false**.



```
let x = 5;
let y = 5;
const sum = {firstname:"Slobodan",
lastname:"Gajic"};
console.assert(x + y == 12, sum);
```

```
✖ ▶ Assertion failed: ▶ Object ⓘ
  firstname: "Slobodan"
  lastname: "Gajic"
▶ [[Prototype]]: Object
```



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Content Creator



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