





Hello World





Hello World





Hello World





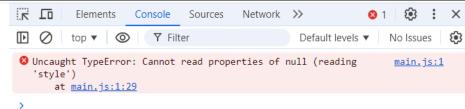
Hello World





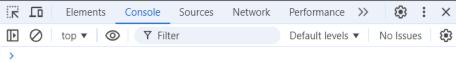
```
document.querySelector('h1').style.color = "red";
```









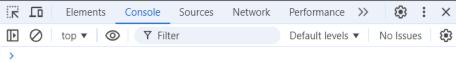






```
onload = function (){
    this.document.querySelector("h1").style.color = "red";
}
```



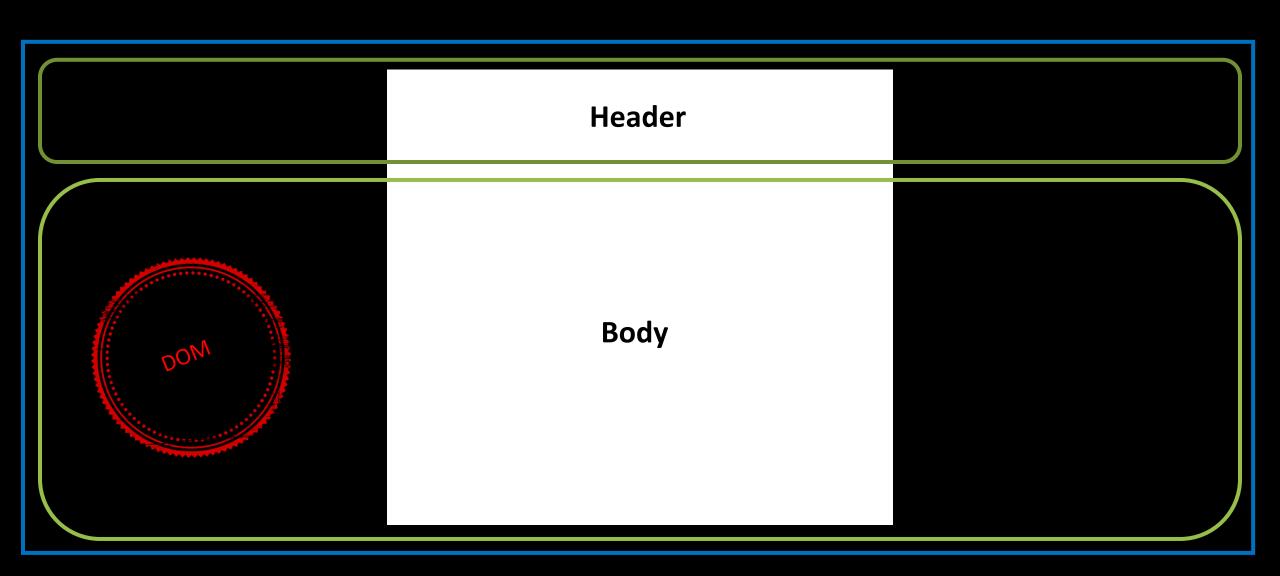




```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Web Page</title>
    <script src="template/main.js"></script>
</head>
<body>
    <h1>Start</h1>
</body>
</html>
```









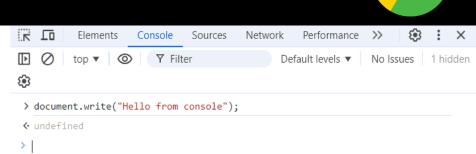
```
document.querySelector('h1').style.color =
"red";
document.write("<h2>JS H2</h2>");
```



JS H2



Hello from console





```
console.log("Hello from main.js");
console.error("test error");
```



```
Console Sources Network >>
Default levels ▼ No Issues 😥
  Hello from main.js
                                                  main.js:1

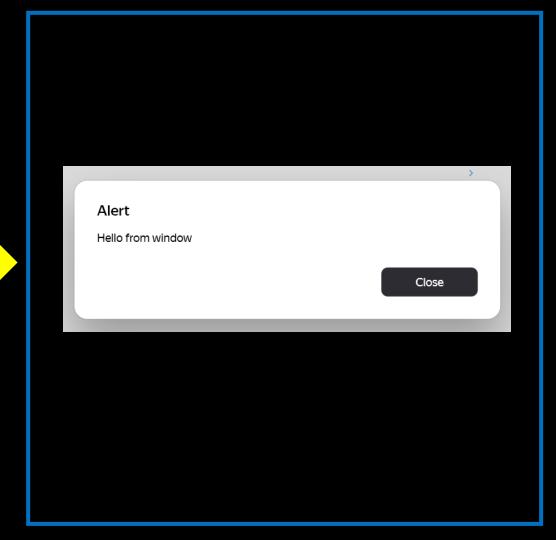
⊗ ▶test error

                                                  main.js:2
```



window.alert("Hello from window");

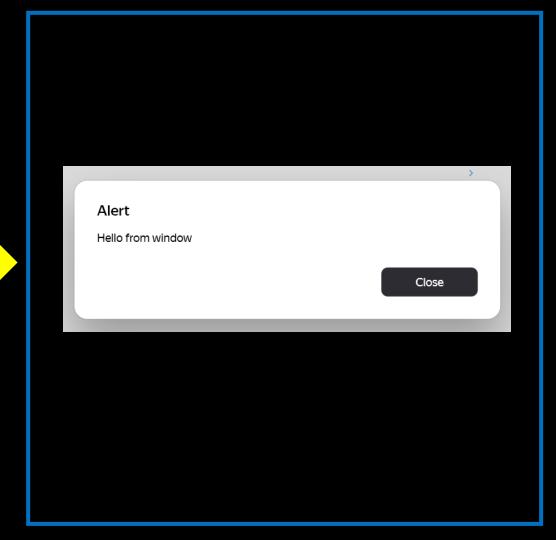




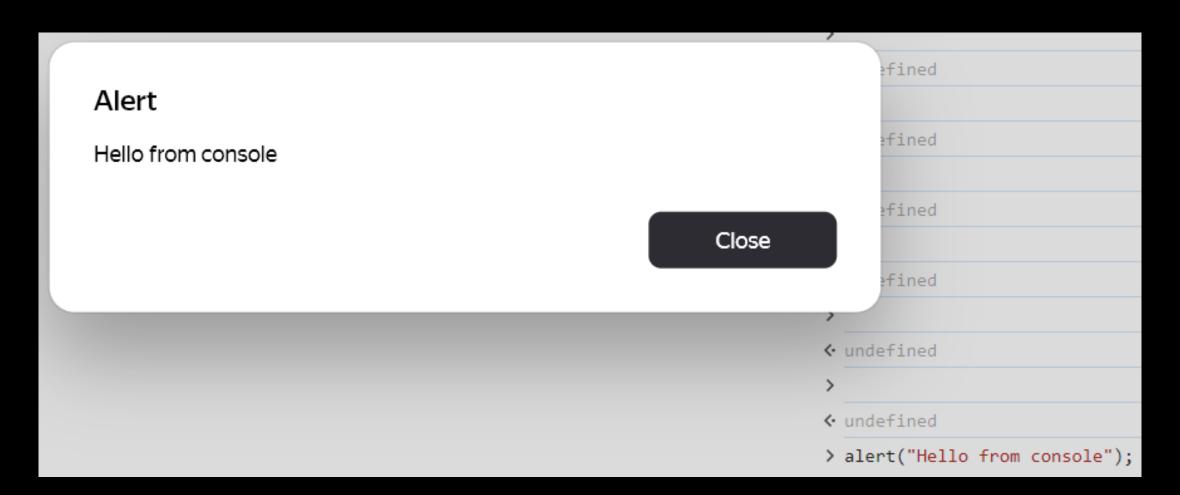


window.alert("Hello from window");









strings?

"This is a JavaScript string"

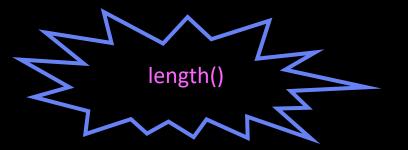
'This is a JavaScript string'

"This is a 'JavaScript' string"

length	substr()	trimEnd()
charAt()	toUpperCase()	padStart()
charCodeAt()	toLowerCase()	padEnd()
at()	concat()	repeat()
slice()	trim()	replace()
substring()	trimStart()	replaceAll()

includes() split() indexOf() startsWith() lastIndexOf() endsWith() search() match() matchAll()





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.length);
```



60





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.charAt(0));
```



T





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.charAt(-1));
```



Appear nothing !!

console.log(text.charAt(text.length - 1));





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.charAt(-1));
```



console.log(text.charAt(text.length - 1));





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text[-1]);
```



undefined





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.charCodeAt(0));
```



73





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.at(0));
```



T





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.at(-1));
```



r





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.slice());
```







```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.slice(2));
```







```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.slice(2, 34));
```



learn JavaScript to build my own





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.slice(-29));
```



own career as a web developer



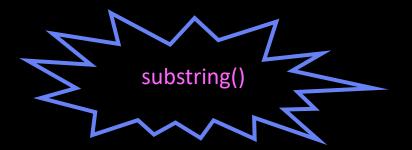


```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.slice(-29, -10));
```



own career as a web





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substring());
```



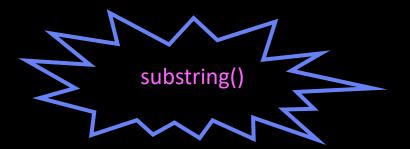




```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substring(2));
```





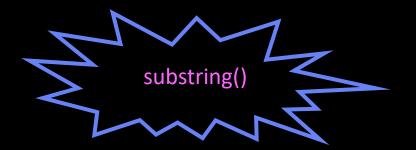


```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substring(2, 34));
```



learn JavaScript to build my own

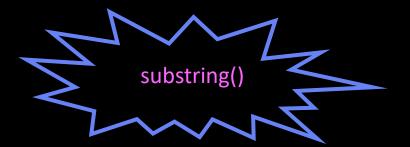




```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substring(-29));
```





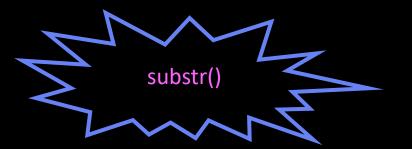


```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substring(-29, -10));
```



Appear nothing !!





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substr());
```







```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substr(2));
```







```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substr(2, 34));
```



learn JavaScript to build my own c



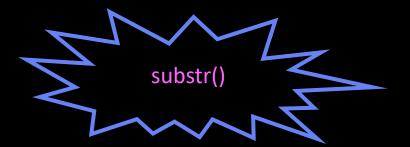


```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substr(-29));
```



own career as a web developer





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.substr(-29, -10));
```



Appear nothing !!





```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.toUpperCase());
```



I LEARN JAVASCRIPT TO BUILD MY OWN CAREER AS A WEB DEVELOPER

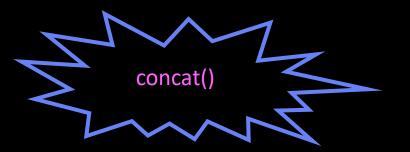




```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.toLowerCase());
```







```
let text1 = "I learn JavaScript";
let text2 = "to build my own career as a web developer"
console.log(text1.concat(" ", text2));
```







```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.trim());
```







```
let text = " I learn JavaScript to build my own career as a web developer "
console.log(text.trim());
```







```
let text = "I learn JavaScript to build my own career as a web developer";
console.log(text.trim());
```



I learn JavaScript to build my own

career as a web developer











```
let text = "I learn JavaScript to build my own career as a web developer ";
console.log(text.trimEnd());
```







```
let text = "I learn JavaScript";
console.log(text.padStart(30, "web"));
```



webwebwebI learn JavaScript





```
let text = "I learn JavaScript";
console.log(text.padEnd(30, "web"));
```



I learn JavaScriptwebwebweb





```
let text = "I learn JavaScript";
console.log(text.repeat(3));
```



I learn JavaScriptI learn JavaScriptI learn JavaScript





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.replace("JavaScript", "Python"));
```



I learn Python to build my own career as a JavaScript developer





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.replace(/javascript/i, "Python"));
```



I learn Python to build my own career as a JavaScript developer





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.replace(/JavaScript/g, "Python"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.replaceAll("JavaScript", "Python"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.replaceAll(/JavaScript/g, "Python"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.replaceAll(/javascript/i, "Python"));
```



Type Error





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.replaceAll(/javascript/ig, "Python"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.split(" "));
```

```
0
```

```
['I', 'learn', 'JavaScript', 'to', 'build', 'my', 'own', 'career', 'as', 'a',
'JavaScript', 'developer']
```





```
let text = "I learn JavaScript to build, my own career as a JavaScript developer";
console.log(text.split(","));
```



['I learn JavaScript to build', ' my own career as a JavaScript developer']





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.indexOf("JavaScript"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.indexOf("Python"));
```



-1





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.indexOf("JavaScript", 9));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.lastIndexOf("JavaScript"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.lastIndexOf("Python"));
```



-1





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.lastIndexOf("JavaScript", 46));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.search("JavaScript"));
```







let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.search(/JavaScript/));







let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.search(/javascript/i));







let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.match("JavaScript"));



['JavaScript', 8, 'I learn JavaScript to build my own career as a JavaScript
developer']





let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.match(/javascript/i));



['JavaScript', 8, 'I learn JavaScript to build my own career as a JavaScript
developer']





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.match(/JavaScript/g));
```



['JavaScript', 'JavaScript']





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.match(/javascript/ig));
```



['JavaScript', 'JavaScript']





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(...text.matchAll("JavaScript"));
```



['JavaScript', 8, 'I learn JavaScript to build my own career as a JavaScript developer']

['JavaScript', 47, 'I learn JavaScript to build my own career as a JavaScript developer']





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log( ... text.matchAll("JavaScript"));

We used spread operator to expand the iterable (array or iterator)
```

['JavaScript', 8, 'I learn JavaScript to build my own career as a JavaScript
developer']
['JavaScript', 47, 'I learn JavaScript to build my own career as a JavaScript
developer']





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(...text.matchAll(/javascript/ig));
```



['JavaScript', 8, 'I learn JavaScript to build my own career as a JavaScript developer']

['JavaScript', 47, 'I learn JavaScript to build my own career as a JavaScript developer']





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(...text.matchAll(/javascript/i));
```



Type Error





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.includes("JavaScript"));
```



true





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.includes("javascript"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.includes("JavaScript", 48));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.startsWith("JavaScript"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.startsWith("JavaScript", 8));
```



true





```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.endsWith("JavaScript"));
```







```
let text = "I learn JavaScript to build my own career as a JavaScript developer";
console.log(text.startsWith("JavaScript", 57));
```



true

Arrays)?

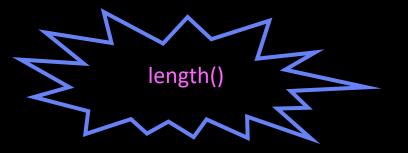
```
let arr = ["A", "B", "C"];
```

```
let arr = new Array("A", "B", "C");
```

```
let arr = ["A", "B", "C", 5, 6];
```

length	unshift()	toSpliced()
toString()	delete()	slice()
at()	concat()	repeat()
pop()	copyWithin()	join()
push()	flat()	replace()
shift()	splice()	replaceAll()





```
let arr = ["A", "B", "C", "D"];
console.log(arr.length);
```





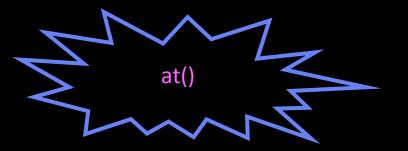


```
let arr = ["A", "B", "C", "D"];
console.log(arr.toString());
```



A,B,C,D



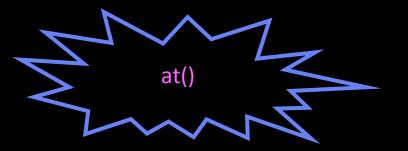


```
let arr = ["A", "B", "C", "D"];
console.log(arr.at(0));
```



Δ



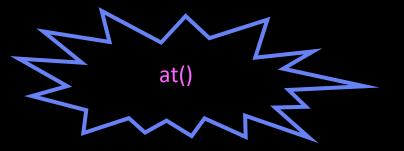


```
let arr = ["A", "B", "C", "D"];
console.log(arr.at(-1));
```



D





```
let arr = ["A", "B", "C", "D"];
console.log(arr[-1]);
```



undefined



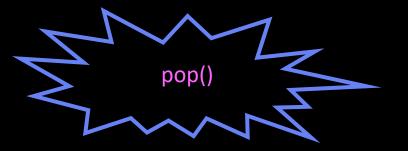


```
let arr = ["A", "B", "C", "D"];
arr.pop();
console.log(arr);
```



['A', 'B', 'C']





```
let arr = ["A", "B", "C", "D"];
console.log(arr.pop());
```





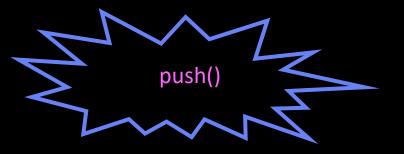


```
let arr = ["A", "B", "C", "D"];
arr.push("E");
console.log(arr.push());
```



['A', 'B', 'C', 'D', 'E']

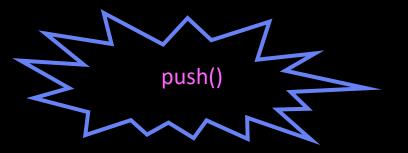




```
let arr = ["A", "B", "C", "D"];
console.log(arr.push("E"));
```







```
let arr = ["A", "B", "C", "D"];
console.log(arr.push());
```







```
let arr = ["A", "B", "C", "D"];
arr.shift();
console.log(arr);
```



['B', 'C', 'D']





```
let arr = ["A", "B", "C", "D"];
console.log(arr.shift());
```



Δ





```
let arr = ["A", "B", "C", "D"];
arr.unshift("E");
console.log(arr);
```



```
['E', 'A', 'B', 'C', 'D']
```





```
let arr = ["A", "B", "C", "D"];
console.log(arr.unshift("E"));
```



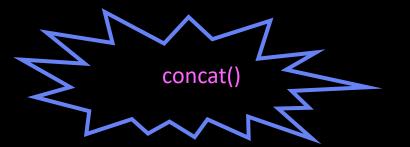




```
let arr = ["A", "B", "C", "D"];
console.log(arr.unshift());
```





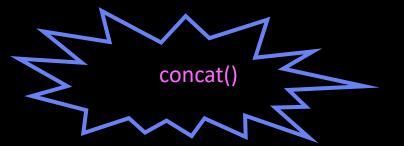


```
let arr1 = ["A", "B"];
let arr2 = ["C", "D"];
let arr3 = ["E"];
let arr4 = arr3.concat(arr1, arr2);
console.log(arr4);
```



['A', 'B', 'C', 'D', 'E']





```
let arr1 = ["A", "B", "C", "D"];
let arr2 = arr1.concat("E")
console.log(arr2);
```



```
['A', 'B', 'C', 'D', 'E']
```

