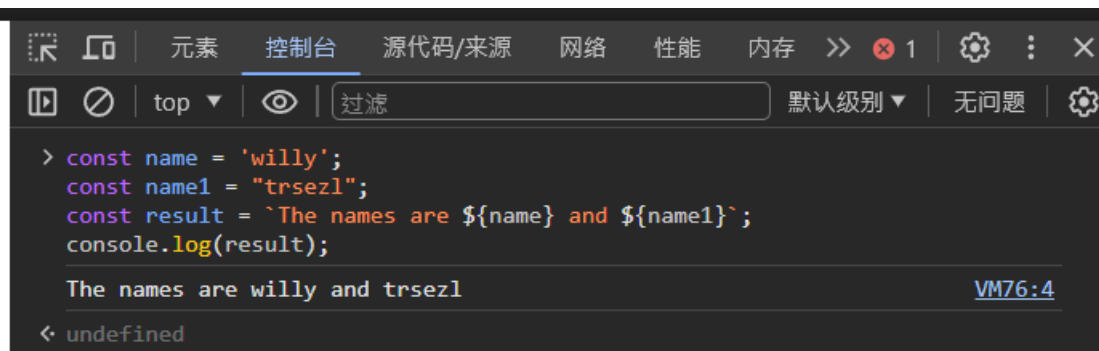


B11118024 黄靖哲



The screenshot shows a web browser's developer console with the '控制台' (Console) tab selected. The console displays the following code and its output:

```
> let x = 10;
undefined
> console.log(x);
10 VM27:1
undefined
> const a = 5;
undefined
>
```



The screenshot shows a web browser's developer console with the '控制台' (Console) tab selected. The console displays the following code and its output:

```
> const name = 'willy';
const name1 = "trsez1";
const result = `The names are ${name} and ${name1}`;
console.log(result);
The names are willy and trsez1 VM76:4
undefined
```



The screenshot shows a web browser's developer console with the '控制台' (Console) tab selected. The console displays the following code and its output:

```
> console.log("olo");
olo VM44:1
undefined
> |
```

元素

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过滤

默认级别 ▾

无问题

⚙️

> const x = 999999999999999999n;
const y = x + 1n;
console.log(y);
const value2 = 900719925124740998n;
const result2 = value2 + 1n;
console.log(result2);

10000000000000000000n [VM72:3](#)

900719925124740999n [VM72:6](#)

< undefined

> |

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无问题

⚙️

> let a = 10;
let b = 5;
console.log('a + b = ', a + b);
console.log('a - b = ', a - b);
console.log('a * b = ', a * b);
console.log('a / b = ', a / b);
console.log('a % b = ', a % b);
console.log('++a = ', ++b);
console.log('a++ = ', b++);
console.log('a = ', b);
console.log('--a = ', --b);
console.log('a-- = ', b--);
console.log('a = ', b);
console.log('a ** b = ', a ** b);

a + b = 15 [VM84:3](#)

a - b = 5 [VM84:4](#)

a * b = 50 [VM84:5](#)

a / b = 2 [VM84:6](#)

a % b = 0 [VM84:7](#)

++a = 6 [VM84:8](#)

a++ = 6 [VM84:9](#)

a = 7 [VM84:10](#)

--a = 6 [VM84:11](#)

a-- = 6 [VM84:12](#)

a = 5 [VM84:13](#)

a ** b = 100000 [VM84:14](#)

< undefined

>

top

过滤

默认级别

无问题

> console.log("some code");
console.log("Error code");
console.log("other code");

✖ Uncaught SyntaxError: Invalid or unexpected token [VM32:2](#)

> console.log("some code");
// console.log("Error code");
console.log("other code");

some code [VM36:1](#)

other code [VM36:3](#)

< undefined

> // numeric string used with + gives string type
let x;

x = '10' + 5;
console.log(x) // "32"

x = '10' + true;
console.log(x); // "3true"

x = '10' + undefined;
console.log(x); // "3undefined"

x = '10' + null;
console.log(x); // "3null"

105 [VM115:5](#)

10true [VM115:8](#)

10undefined [VM115:11](#)

10null [VM115:14](#)

```
> // numeric string used with - , / , * results number type
```

```
let x;
```

```
x = '10' - '5';  
console.log(x); // 2
```

```
x = '10' - 5;  
console.log(x); // 2
```

```
x = '10' * 5;  
console.log(x); // 8
```

```
x = '10' / 5;  
console.log(x); // 2
```

```
5 VM86:6
```

```
5 VM86:9
```

```
50 VM86:12
```

```
2 VM86:15
```

```
← undefined
```

```
> // non-numeric string used with - , / , * results to NaN
```

```
let x;
```

```
x = 'hi' - 'ha';  
console.log(x); // NaN
```

```
x = '10' - 'hi';  
console.log(x); // NaN
```

```
NaN VM133:6
```

```
NaN VM133:9
```

```
← undefined
```

```
> |
```

```
> // if boolean is used, true is 1, false is 0
```

```
let x;
```

```
x = '10' - true;  
console.log(x); // 3
```

```
x = 10 + true;  
console.log(x); // 5
```

```
x = 10 + false;  
console.log(x); // 4
```

```
9 VM82:6
```

```
11 VM82:9
```

```
10 VM82:12
```

```
← undefined
```

```
> // null is 0 when used with number
```

```
let x;
```

```
x = 10 + null;  
console.log(x); // 4
```

```
x = 10 - null;  
console.log(x); // 4
```

```
10 VM116:5
```

```
10 VM116:8
```

```
let x;

x = 10 + undefined;
console.log(x); // NaN

result = 10 - undefined;
console.log(x); // NaN

result = true + undefined;
console.log(x); // NaN

result = null + undefined;
console.log(x); // NaN
```

NaN	VM183:6
-----	-------------------------

NaN	VM183:9
-----	-------------------------

NaN	VM183:12
-----	--------------------------

NaN	VM183:15
-----	--------------------------

← undefined

```
> let z;

// string to number
z = Number('350');
console.log(z); // 324

z = Number('350e-1')
console.log(z); // 32.4

// boolean to number
z = Number(true);
console.log(z); // 1

z = Number(false);
console.log(z); // 0
```

350	VM238:5
-----	-------------------------

35	VM238:8
----	-------------------------

1	VM238:12
---	--------------------------

0	VM238:15
---	--------------------------

top

过滤

默认级别

无问题

> `const a = 10, b = 5, c = 'hello';`
`console.log(a == 10);` // true
`console.log(b == '5');` // true
`console.log(c == 'Hello');` // false

true

VM44:2

true

VM44:3

false

VM44:4

< undefined

> `const a = 5, b = 'hello';`
`console.log(a != 5);` // true
`console.log(b != 'Hello');` // true

false

VM48:2

true

VM48:3

< undefined

> `const a = 15;`
`console.log(a === 15);` // true
`console.log(a === '15');` // false

true

VM52:2

false

VM52:3

< undefined

> `const a = 11, b = 'hi';`
`console.log(a !== 11);` // false
`console.log(a !== '11');` // true
`console.log(b !== 'Hi');` // true

false

VM56:2

true

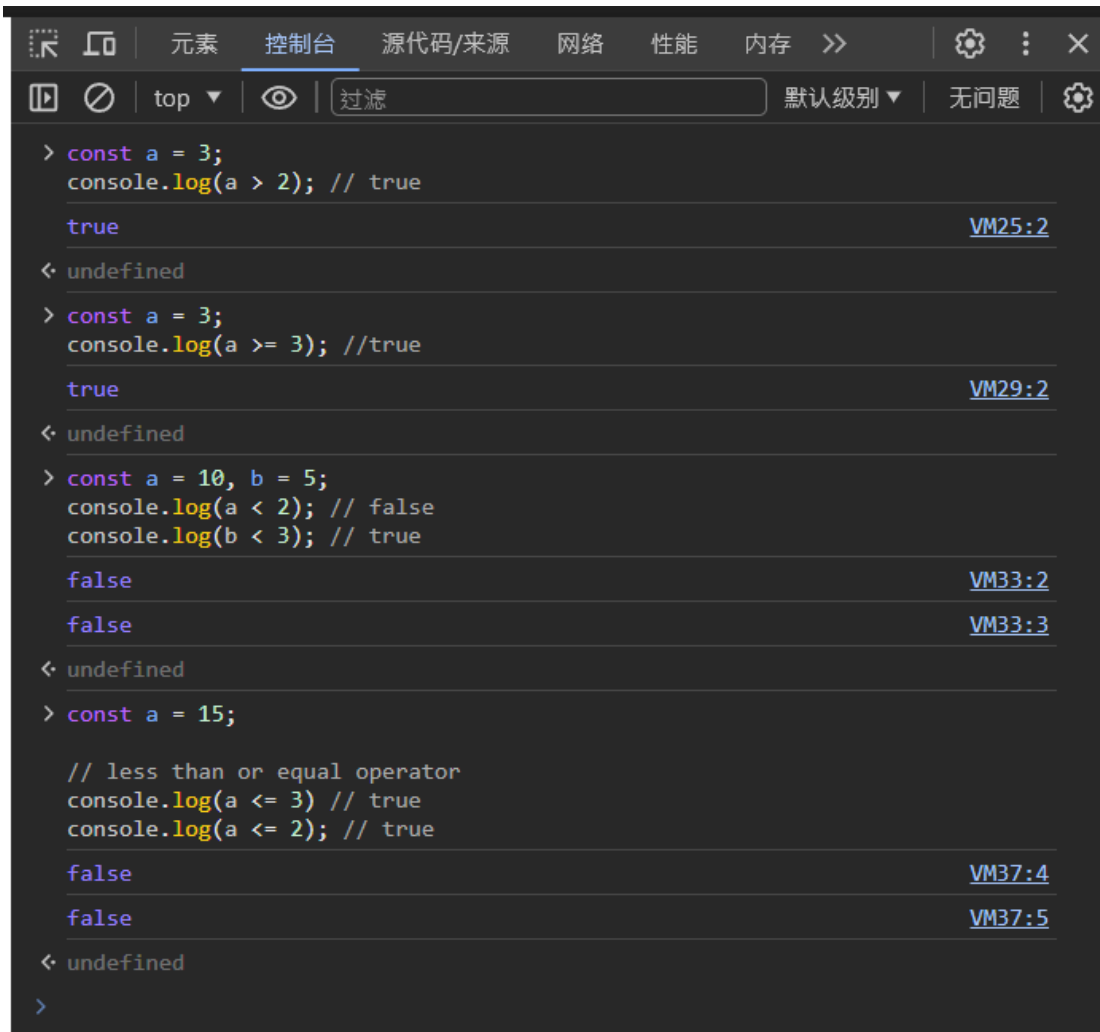
VM56:3

true

VM56:4

< undefined

>



元素 控制台 源代码/来源 网络 性能 内存 >>

⚙️ ⋮ ✕

top 过滤

默认级别 ▾

无问题

⚙️

> const number = prompt("Enter a number: ");
if (number > 0) {
 console.log("The number is positive");
}
console.log("The if statement is easy");

The if statement is easy [VM23:5](#)

< undefined

> const number = prompt("Enter a number: ");
if (number > 0) {
 console.log("The number is positive");
}
else {
 console.log("The number is either a negative number or 0");
}
console.log("The if...else statement is easy");

The number is either a negative number or 0 [VM27:6](#)

The if...else statement is easy [VM27:8](#)

< undefined

> const number = prompt("Enter a number: ");
if (number > 0) {
 console.log("The number is positive");
}
else if (number == 0) {
 console.log("The number is 0");
}
else {
 console.log("The number is negative");
}
console.log("The if...else if...else statement is easy");

The number is positive [VM31:3](#)

The if...else if...else statement is easy [VM31:11](#)

< undefined

```
> const n = 10;
  for (let i = 1; i <= n; i++) {
    console.log(`I love JavaScript.`);
  }
```

10 I love JavaScript.

[VM27:3](#)

< undefined

```
> const x = 15;
  for (let i = 1; i <= n; i++) {
    console.log(i);i
  }
```

1

[VM31:3](#)

2

[VM31:3](#)

3

[VM31:3](#)

4

[VM31:3](#)

5

[VM31:3](#)

6

[VM31:3](#)

7

[VM31:3](#)

8

[VM31:3](#)

9

[VM31:3](#)

10

[VM31:3](#)

< 10

>

```
1 let x = 1;
2 while (x < 10) {
3   console.log(x);
4   x += 1;
5 }
```

node /tmp/hKgnLj8rZV.js

1

2

3

4

5

6

7

8

9

```
1 let num = 0, sum = 0;
2 while (num >= 0) {
3     sum += num;
4     num = parseInt(prompt("Enter a number: "));
5 }
6 console.log(`The sum is ${sum}`);
```

node /tmp/mjYS6r5m5V.js
Enter a number: 20
Enter a number: 20
Enter a number:

```
1 let x = 10;
2 do {
3     console.log(x);
4     x--;
5 } while (x > 0);
```

node /tmp/pZ7ZP8SL9g.js
10
9
8
7
6
5
4
3
2
1

```
1 let sum = 0, num = 0;
2 do {
3     sum += num;
4     num = parseInt(prompt("Enter a number: "));
5 } while (num >= 0);
6 console.log(`The sum is ${sum}`);
```

node /tmp/jmaC0cBfPp.js
Enter a number: 10
Enter a number: 10
Enter a number: 10
Enter a number: -10
The sum is 30

```
1 function greet() {  
2   console.log("Hi");  
3 }  
4 greet();
```

node /tmp/rS0oPk

Hi

```
1 function greet(name) {  
2   console.log("Hello " + name + ":(");  
3 }  
4 let name = prompt("Enter a name: ");  
5 greet(name);
```

node /tmp/75VUsbTf8j.js

Enter a name: willy

Hello willy:(

```
1- function add(x, y) {  
2   console.log(x + y);  
3 }  
4 add(10,100);  
5 add(20,200);
```

node /tmp/4E6Tstc2Cy.js

110

220

```
1  
2- function add(x, y) {  
3   return x + y;  
4 }  
5 let number1 = parseFloat(prompt("Enter first number: "));  
6 let number2 = parseFloat(prompt("Enter second number: "));  
7 let result = add(number1,number2);  
8 console.log("The sum is " + result);
```

node /tmp/D6SxKgWMvM.js

Enter first number: 10

Enter second number: 20

The sum is 30