

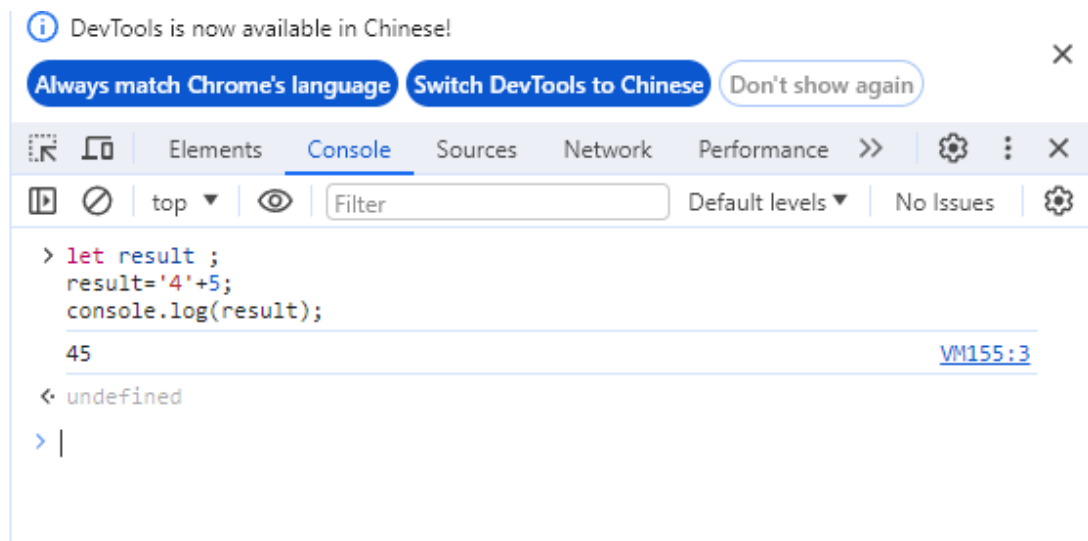
b11018027 張宸維

0410

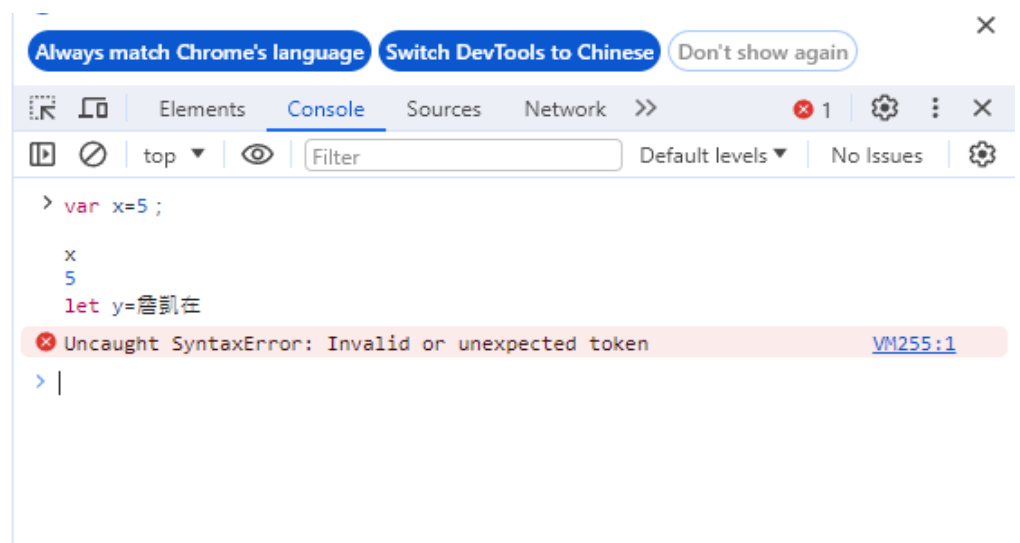
main.js		Run	Output
<pre>1 let trafficLight = prompt("Enter trafficLight: "); 2 let message = "" 3 4 switch (trafficLight) { 5 case "red": 6 message = "Stop immediately."; 7 break; 8 case "yellow": 9 message = "Prepare to stop."; 10 break; 11 case "green": 12 message = "Proceed or continue driving."; 13 break; 14 default: 15 message = "Invalid traffic light color."; 16 } 17 18 console.log(message) 19 20 // Output: Proceed or continue driving.</pre>			<pre>node /tmp/YaFp4zBrH.js Enter trafficLight: red Stop immediately. </pre>

main.js		Run	Output
<pre>1 // program to print the text 2 // declaring a function 3 function greet(name) { 4 console.log("good " + name + ":"); 5 } 6 7 // variable name can be different 8 let name = prompt("Enter a name: "); 9 10 // calling function 11 greet(name);</pre>			<pre>node /tmp/iKJ1hB0htN.js Enter a name: 4 good 4:)</pre>

0313



0306



0327

```
> let sum = 0;
  const n = 100
  for (let i = 1; i <= n; i++) {
    sum += i;
  }
  console.log('sum:', sum);

sum: 5050 VM597:6
< undefined
>
```

Always match Chrome's language Switch DevTools to Chinese (Don't show again)

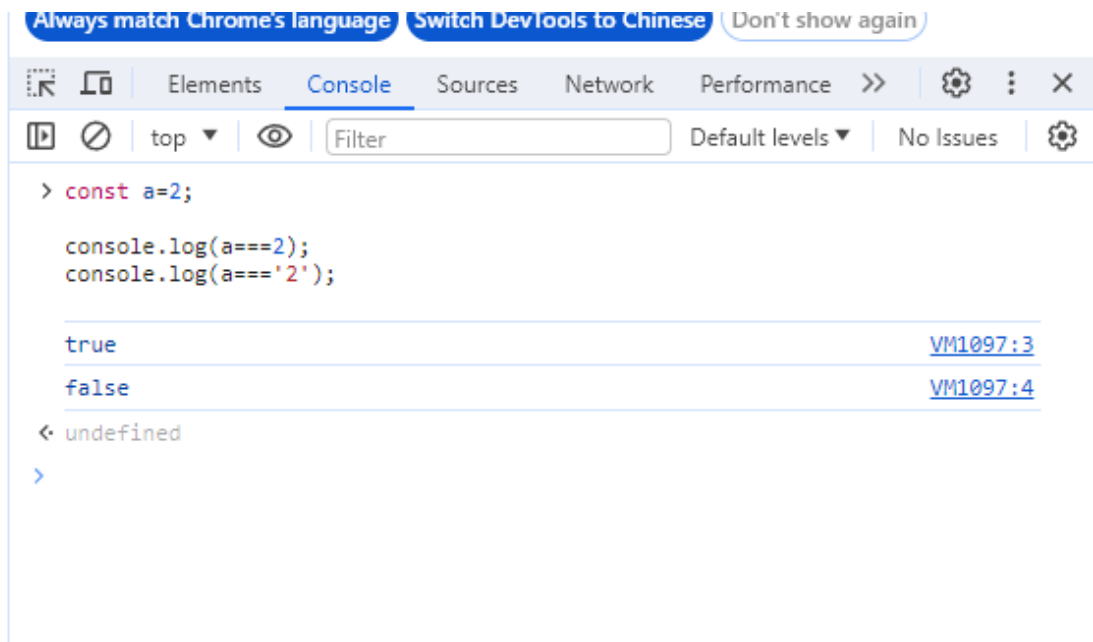
Elements Console Sources Network Performance >> ⚙️ ⋮ ✕

🔍 🔍 top 🔍 Filter Default levels ▾ No Issues ⚙️

```
> var number = 0;
  const n = 5;
  for (var i = 1; i <= n; i++) {
    console.log("▲.=▲")
  }

5 ▲.=▲ VM851:4
< undefined
>
```

0320



```
> const number1 = prompt("enter a number");
    if (number1 > 0 ) {
        console.log("the number is positive");
    }
    console.log("the if statement is easy");
    the number is positive VM1472:3
    the if statement is easy VM1472:5
    undefined
```

main.js		  Run	Output
<pre>1 const number = prompt("enter a number: "); 2- if (number > 0) { 3 console.log("the number is positive"); 4 } 5- else if (number == 0) { 6 console.log("the number is 0"); 7 } 8- else { 9 console.log("the number is negative"); 10 } 11 console.log("the if...else if...else statement is easy");</pre>			<pre>node /tmp/ajD4Q9Dw4V.js enter a number: 1 the number is positive the if...else if...else statement is easy </pre>