

Github URL

W06-P1: Run w3school scores.find();

```
<!DOCTYPE html>
<html>
<body>

<p>Click the button to check get the value of the first element in the array that has a
value of 18 or more.</p>

<button onclick="myFunction()">Try it</button>

<p id="demo"></p>

<p><strong>Note:</strong> The find() method is not supported in IE 11 (and earlier
versions).</p>

<script>
var ages = [3, 10, 15, 19,20];
const scores = [50, 60, 70, 80, 90 ,100];
function checkAdult(age) {
  return age >= 18;
}
function myFunction() {
  document.getElementById("demo").innerHTML = scores.find((score)=> score >=85);
}
</script>

</body>

<!-- Mirrored from www.w3schools.com/jsref/tryit.asp?filename=tryjsref_find by HTTrack
Website Copier/3.x [XR&C0'2014], Mon, 27 Jan 2020 03:01:26 GMT -->
</html>
```

Click the button to check get the value of the first element in the array that has a value of 18 or more.

Try it

90

Note: The find() method is not supported in IE 11 (and earlier versions).

c24444c chuan0201 Thu Mar 23 19:23:52 2023 +0800 W06-P1: Run w3school scores.find();

W06-P2: temperature convert from C to F

File Edit Selection View Go ... p1_02.js - 1112-1N-js-demo-211410302 - Visual Studio Code

EXPLORER

- 1112-1N-JS-DEMO-211410302
 - demo
 - md
 - w01
 - w02
 - w03
 - w04
 - w05
 - w06
 - w06_02.md

demo > w06-array > p1_02 > JS p1_02.js > ...

```
1 let c, f;
2 c = Number(prompt("Enter a temperature in C: ")).toFixed(2);
3 f = ( c * 9/5 + 32).toFixed(2);
4 console.log(`${c} C = ${f} F`);
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL

bash

```
Compressing objects: 100% (6/6), done.
Writing objects: 100% (9/9), 1.29 KiB | 1.29 MiB/s, done.
Total 9 (delta 2), reused 1 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/chuan0201/1112-1N-js-demo-211410302.git
4930630..c24444c main -> main

User@E201-34 MINGW64 /d/1112-1N-js-demo-211410302 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%" --after="2023-3-22"
c24444c chuan0201 Thu Mar 23 19:23:52 2023 +0800 W06-P1: Run w3school scores.find();

User@E201-34 MINGW64 /d/1112-1N-js-demo-211410302 (main)
$
```

p1_02

DevTools is now available in Chinese!

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

Elements Console Sources Network

top Filter Default levels 1 Issue 1

23.55 C = 74.39 F

p1_02,1s:4

全部显示

e985044 chuan0201 Thu Mar 23 20:31:06 2023 +0800 W06-P2: temperature convert from C to F~c24444c chuan0201 Thu Mar 23 19:23:52 2023 +0800 W06-P1: Run w3school scores.find();

W06-P3: import students and sdata array and do sorting, find the highest and lowest score

The screenshot shows a Visual Studio Code editor with a file explorer on the left and a code editor in the center. The code editor displays a JavaScript file named `p2_02.js` with the following content:

```

1 import { students, sdata } from './data_02.js';
2
3
4
5 console.log('sdata original', sdata);
6
7 sdata.sort( function(a,b){return b-a});
8 console.log('sdata', sdata);
9 console.log('The highest score: ${sdata[0]}');
10 console.log('The lowest score: ${sdata[sdata.length-1]}');
11
12
13 // for students
14
15 console.log('students', students);
16
17 const students2 = students.map((student) => {
18   // student.role = 'student';
19   return {...student, role: 'student'};
20 });
21
22
23 console.log('students2 original', students2);
24
25
26 students2.sort(function(a,b){return b.score - a.score});
27 console.log('students2', students2);
28
29 console.log('The highest score: ${students2[0]}');
30 console.log('The lowest score: ${students2[students2.length-1]}');

```

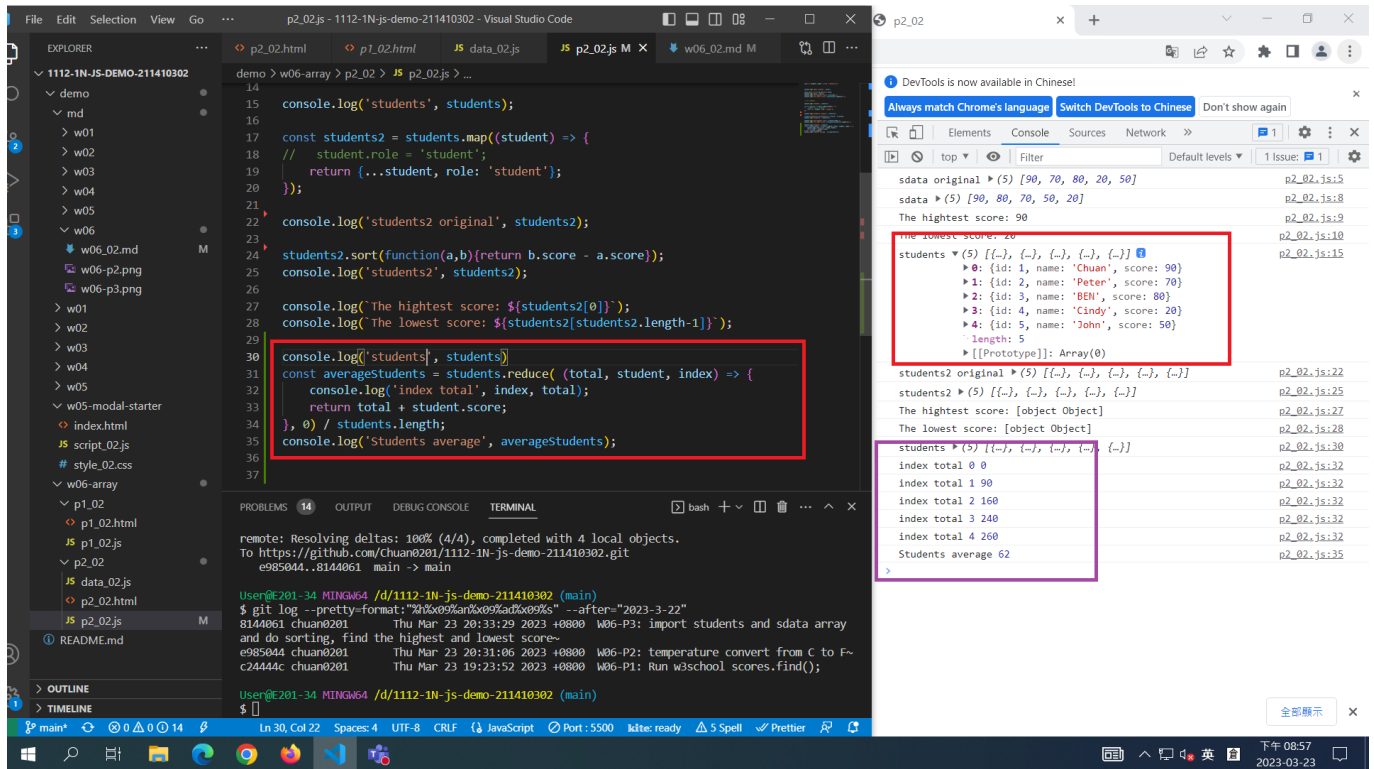
On the right side, the Chrome DevTools console is open, showing the output of the code. The console displays the following data:

- `sdata original`: `(5) [90, 70, 80, 20, 50]`
- `sdata`: `(5) [90, 80, 70, 50, 20]`
- The highest score: 90
- The lowest score: 20
- `students`: `(5) [{"id": 1, "name": "Chuan", "score": 90}, {"id": 2, "name": "Peter", "score": 70}, {"id": 3, "name": "BEN", "score": 80}, {"id": 4, "name": "Cindy", "score": 20}, {"id": 5, "name": "John", "score": 50}]`
- `students2 original`: `(5) [{"id": 1, "name": "Chuan", "score": 90, "role": "student"}, {"id": 3, "name": "BEN", "score": 80, "role": "student"}, {"id": 2, "name": "Peter", "score": 70, "role": "student"}, {"id": 5, "name": "John", "score": 50, "role": "student"}, {"id": 4, "name": "Cindy", "score": 20, "role": "student"}]`
- The highest score: [object Object]
- The lowest score: [object Object]

8144061 chuan0201 Thu Mar 23 20:33:29 2023 +0800 W06-P3: import students and sdata array and do sorting, find the highest and lowest score~

e985044 chuan0201 Thu Mar 23 20:31:06 2023 +0800 W06-P2: temperature convert from C to F~c24444c chuan0201 Thu Mar 23 19:23:52 2023 +0800 W06-P1: Run w3school scores.find();

W06-P4: compute the average of students and sdata array



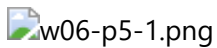
```

25891dc chuan0201      Thu Mar 23 21:02:51 2023 +0800    W06-P4: compute the
average of students
and sdata array
8144061 chuan0201      Thu Mar 23 20:33:29 2023 +0800    W06-P3: import students
and sdata array
and do sorting, find the highest and lowest score~
e985044 chuan0201      Thu Mar 23 20:31:06 2023 +0800    W06-P2: temperature
convert from C to F~c24444c chuan0201      Thu Mar 23 19:23:52 2023 +0800    W06-
P1: Run w3school scores.find();

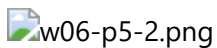
```

W06-P5: Temperature convert C2F(), F2C() using Web interface

C2F



F2C



```
git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-3-22"
```