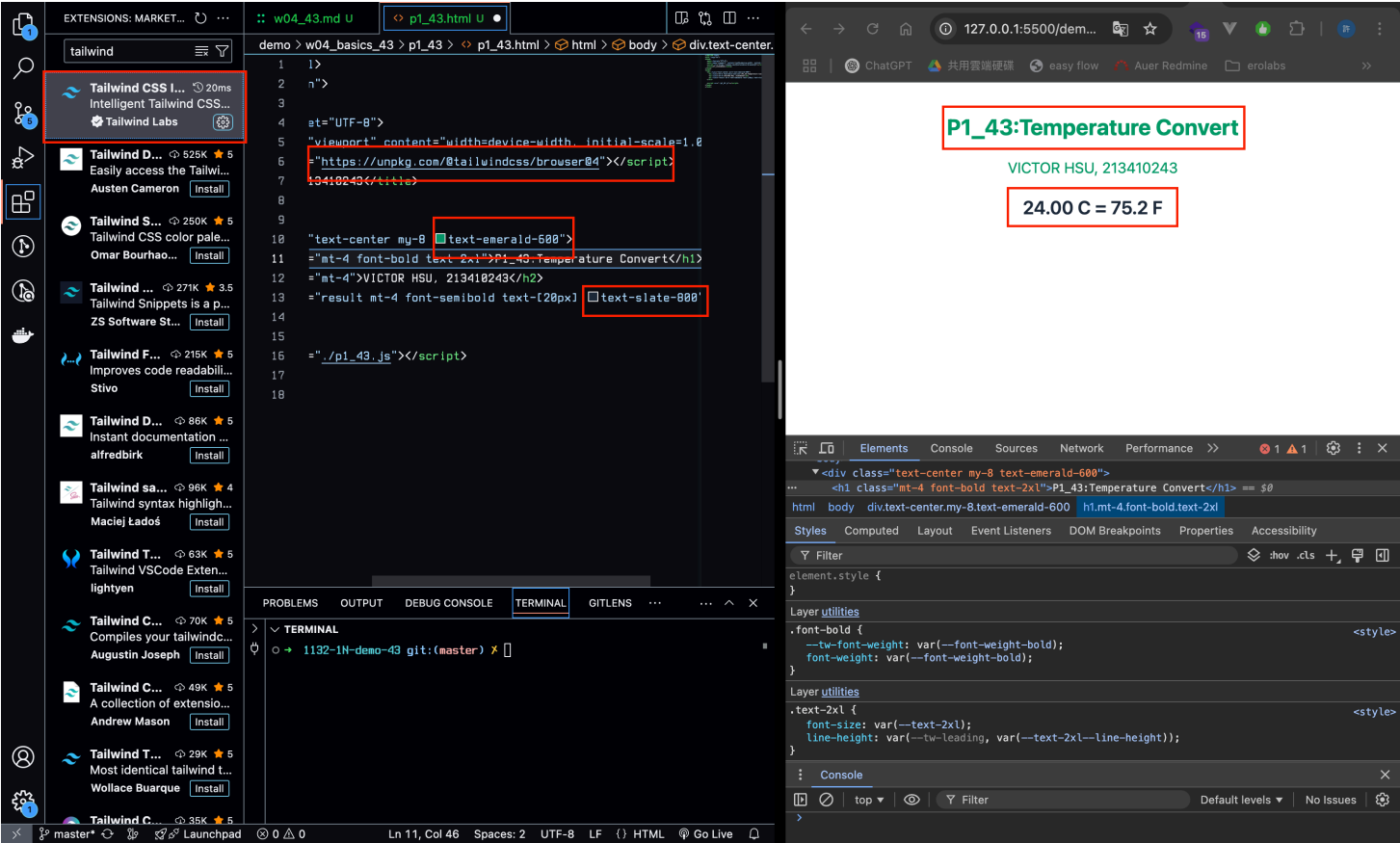


W04-P1: Setup tailwindcss for p1_xx.html



6bdb55 victor_xu

Sat Mar 15 08:57:07 2025 +0800 W04-P1: Setup tailwindcss for p

W04-P2: create html code to show sdata original in js code

The screenshot displays a web development environment with three main components: a code editor, a browser preview, and a console.

Code Editor (HTML): The file `p2_43.html` contains the following HTML structure:

```
<html lang="en">
<body>
  <div class="text-center my-8 text-emerald-600">
    <h1 class="mt-4 font-bold text-2xl">P1_43:Temperature Convert</h1>
    <h2 class="mt-4">VICTOR HSU, 213418243</h2>
    <div class="result1 mt-4 font-semibold text-[16px] text-slate-800">
      <!-- <h3 class="my-4">Array Statistics</h3>
      <p>sdata original:</p>
      <p>[90, 100, 60, 40, 20, 80]</p>
      <p>Total: 6</p>
      <p>Pass: 4</p>
      <p>Fail: 2</p>
      <p>Highest: 100</p>
      <p>Lowest: 20</p>
      <p>Average: 65.2</p> -->
    </div>
    <div class="result2 mt-4 font-semibold text-[16px] text-slate-800"></div>
  </div>
</body>
```

Code Editor (JavaScript): The file `p2_1_43.js` contains the following JavaScript code:

```
const result2 = document.querySelector('.result2')

const outputStat1 = (s) => {
  result1.innerHTML = `
    <h3 class="my-4">Array Statistics</h3>
    <p>sdata original:</p>
    <p>[90, 100, 60, 40, 20, 80]</p>
    <p>Total: 6</p>
    <p>Pass: 4</p>
    <p>Fail: 2</p>
    <p>Highest: 100</p>
    <p>Lowest: 20</p>
    <p>Average: 65.2</p>
  `
}

outputStat1(sdata)
```

Browser Preview: The browser shows the rendered HTML. The title is "P1_43:Temperature Convert". The header displays "VICTOR HSU, 213418243". The main content area, titled "Array Statistics", displays the following information:

- sdata original:
- [90, 100, 60, 40, 20, 80]
- Total: 6
- Pass: 4
- Fail: 2
- Highest: 100
- Lowest: 20
- Average: 65.2

Console: The console shows a warning message from Tailwind CSS and a log entry for the `sdata` variable.

```
> The browser build of Tailwind CSS should not be used in production. To use Tailwind CSS in production, use the Tailwind CLI, Vite plugin, or PostCSS plugin: https://tailwindcss.com/docs/installation
sdata (6) [90, 100, 60, 40, 20, 80] p2_1_43.js:2
```

8cc5453 victor_xu

Sat Mar 15 09:24:50 2025 +0800 W04-P2: create html code to sho

W04-P3: Show sdata statistics from js code

demo > w04_basics_43 > p2_43 > js p2_1_43.js > outputStat1

```
1 import { sdata } from './data_43.js'
2 console.log('sdata', sdata)
3
4 const result1 = document.querySelector('.result1')
5 const result2 = document.querySelector('.result2')
6
7 const computePass = (data) => { ...
8 }
9
10 const computeFail = (data) => { ...
11 }
12
13 const computeHighest = (data) => { ...
14 }
15
16 const computeLowest = (data) => { ...
17 }
18
19 const computeAverage = (data) => { ...
20 }
21
22 const outputStat1 = (s) => {
23   result1.innerHTML = `
24     <h3 class="my-4">Array Statistics</h3>
25     <p>sdata original:</p>
26     <p>${JSON.stringify(s)}</p>
27     <p>Total: ${s.length}</p>
28     <p>Pass: ${computePass(s)}</p>
29     <p>Fail: ${computeFail(s)}</p>
30     <p>Highest: ${computeHighest(s)}</p>
31     <p>Lowest: ${computeLowest(s)}</p>
32     <p>Average: ${computeAverage(s).toFixed(1)}</p>
33   `
34 }
35
36 outputStat1(sdata)
```

127.0.0.1:5500/demo/...

P1_43:Temperature Convert

VICTOR HSU, 213410243

Array Statistics

sdata original:
[80,90,60,40,20,70,30,95,10,50]

Total: 10
Pass: 5
Fail: 5
Highest: 95
Lowest: 10
Average: 54.5

Elements Console Sources Network Performance Memory

top 1 Filter

Default levels 1 Issue

The browser build of Tailwind CSS should not be used in production. To use Tailwind CSS in production, use the Tailwind CLI, Vite plugin, or PostCSS plugin:
<https://tailwindcss.com/docs/installation>

sdata ▶ (10) [80, 90, 60, 40, 20, 70, 30, 95, 10, 50]

p2_1_43.js:2

9d68ad2 victor_xu

Sat Mar 15 09:28:33 2025 +0800 W04-P3: Show sdata statistics f

W04-P4: Show toSorted data and a stat object to store statistical data

4_43.md U JS data_43.js JS p2_1_43.js M X p2_43.html M

```
demo > w04_basics_43 > p2_43 > JS p2_1_43.js > ...
62 // sdata.push(65)
63
64 outputStat1(sdata)
65
66 const toSorted = sdata.toSorted(function (a, b) {
67   return b - a
68 })
69 console.log('sdata after sorting', sdata)
70 console.log('toSorted', toSorted)
71
72 let stat = {
73   pass: 0,
74   fail: 0,
75   sum: 0,
76   average: 0,
77 }
78
79 const outputStat2 = (s) => {
80   result1.innerHTML = `
81   <h3 class='my-4'> Array Statistics </h3>
82   <p>toSorted after sorting descending:</p>
83   <p>${JSON.stringify(s)}</p>
84   <p>Total: ${s.length}</p>
85   <p>Pass: ${stat.pass}</p>
86   <p>Fail: ${stat.fail}</p>
87   <p>Highest: ${s[0]}</p>
88   <p>Lowest: ${s[s.length - 1]}</p>
89   <p>Average: ${stat.average.toFixed(1)}</p>
90 `
91 }
92
93 const computeStat = (s) => {
94   s.forEach((score) => {
95     if (score > 59.5) stat.pass++
96     else stat.fail++
97     stat.sum += score
98     stat.average = stat.sum / s.length
99   })
100 }
101
102 computeStat(toSorted)
103 outputStat2(toSorted)
104
```

127.0.0.1:5500/demo/...

P2_43: Array and Object

VICTOR HSU, 213410243

Array Statistics

toSorted after sorting descending:

[95,90,80,70,60,50,40,30,20,10]

Total: 10

Pass: 5

Fail: 5

Highest: 95

Lowest: 10

Average: 54.5

Elements Console Sources Network Performance Memory

top Filter

Default levels 1 Issue 1

▲ The browser build of Tailwind CSS should not be used in production. To use Tailwind CSS in production, use the Tailwind CLI, Vite plugin, or PostCSS plugin: https://tailwindcss.com/docs/installation

sdata ▶ (10) [80, 90, 60, 40, 20, 70, 30, 95, 10, 50] p2_1_43.js:2

sdata after sorting ▶ (10) [80, 90, 60, 40, 20, 70, 30, 95, 10, 50] p2_1_43.js:69

toSorted ▼ (10) [95, 90, 80, 70, 60, 50, 40, 30, 20, 10] 4 p2_1_43.js:70

0: 95

1: 90

2: 80

3: 70

4: 60

5: 50

6: 40

7: 30

8: 20

9: 10


length: 10

▶ [[Prototype]]: Array(0)




4fb76b1 victor_xu

Sat Mar 15 09:33:54 2025 +0800 W04-P4: Show toSorted data and

W04-logs: git logs of W04



vic0627 /
1132-1N-demo-43



<> Code

Issues

Pull requests

Actions


Projects


Wiki


...

Commits

 master


 All users


 All time

 Commits on Mar 15, 2025

W04-P4: Show toSorted data and a stat object to store statistical data


4fb76b1


 <>

 victor_xu committed now

W04-P3: Show sdata statistics from js code


9d68ad2


 <>

 victor_xu committed now

W04-P2: create html code to show sdata original in js code


8cc5453


 <>

 victor_xu committed now

W04-P1: Setup tailwindcss for p1_43.html

6bdb55

 <>

 victor_xu committed now