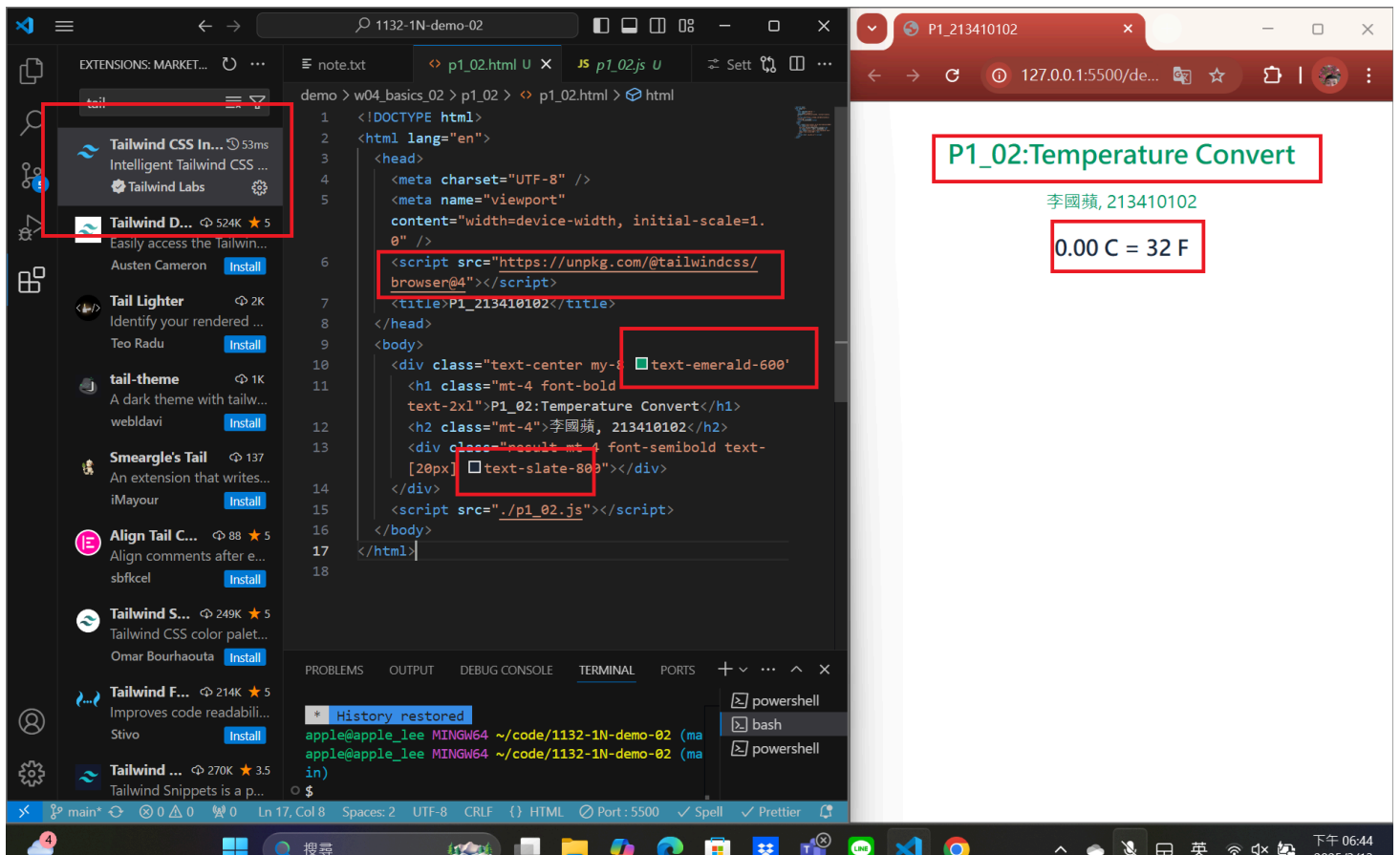


Video: W04-P1: Setup tailwindcss for p1_02.html



a390346 apple550678

Thu Mar 13 18:50:31 2025 +0800 Video: W04-P1: Setup tailwindcss for p1_

The screenshot shows a VS Code editor with two files open: `p2_02.html` and `p2_02.js`. The HTML file contains a form with a text input and a submit button. The JavaScript file uses the DOM API to select the input and submit button, and the `sdata` array. It calculates statistics for the array and displays them in the output.

HTML Code (p2_02.html):

```
<html lang="en">
<body>
<div class="text-center">
213410102</h2>
<div class="result1 mt-4" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;">
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" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;">
font-semibold text-[16px]
text-slate-800"></div>
</div>
<script type="module">
```

JavaScript Code (p2_02.js):

```
const result1 = document.querySelector('.result1')
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>
`
}

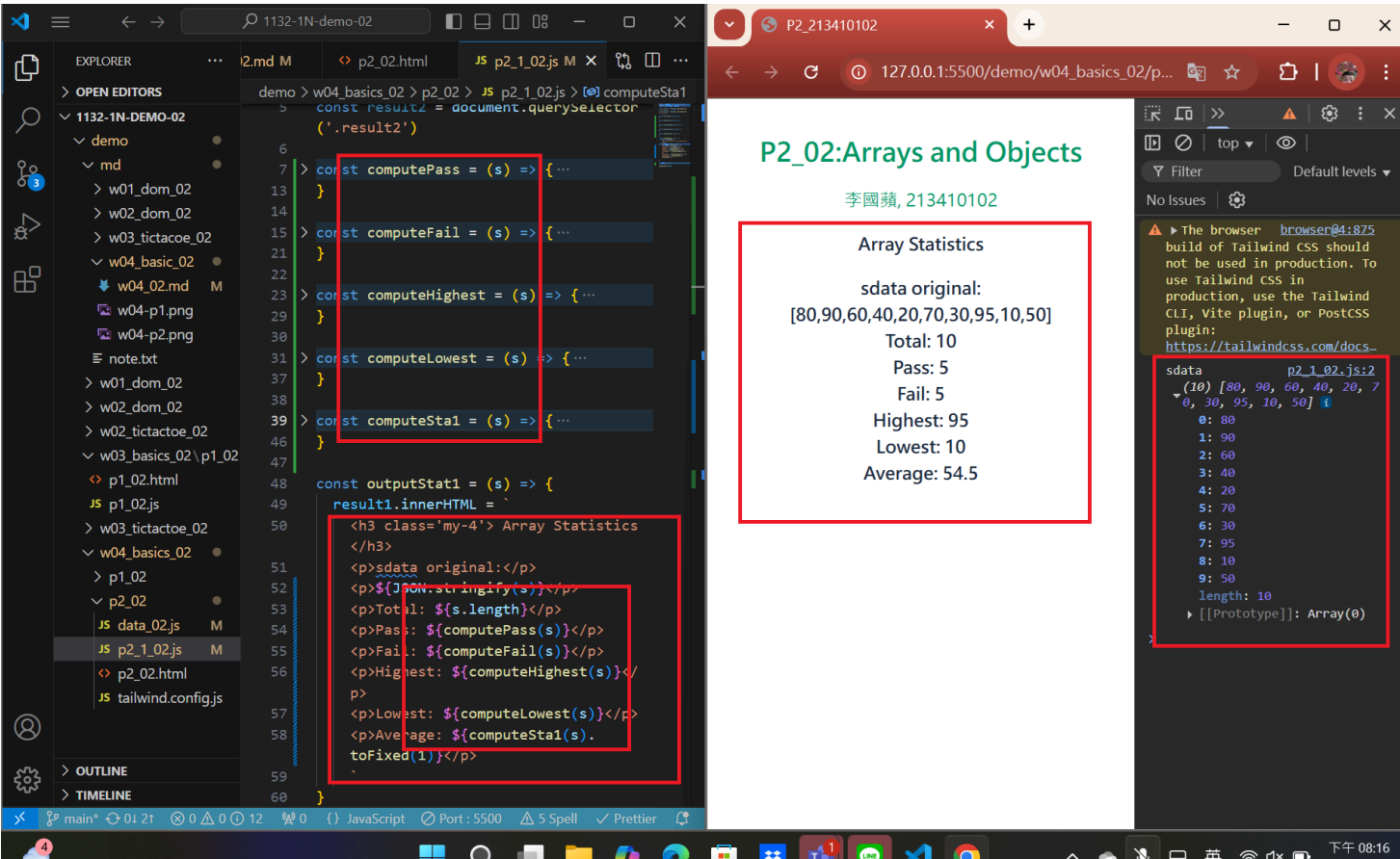
outputStat1(sdata)
```

Terminal Output:

```
0:31 2025 +0800 Video: W04-P1: Setup tailwindcss for p1_02.html
apple@apple_lee MINGW64 ~/code/1132-1N-demo-02 (main)
$
```

Thu Mar 13 19:40:39 2025 +0800 Video: W04-P2: create html code to show

Video: W04-P3: Show sdata statistics from js code



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

1132-1N-DEMO-02

4_02.md M

p2_02.html

JS p2_1_02.js M

JS data_02.js

demo > w04_basics_02 > p2_02 > JS p2_1_02.js > computeStat

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

OUTLINE

TIMELINE

P2_213410102

127.0.0.1:5500/de...

P2_02:Arrays and Objects

李國蘋, 213410102

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

sdata p2_1_02.js:2

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

sdata after sorting p2_1_02.js:69

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

toSorted p2_1_02.js:70

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

W04-logs: git logs of W04

