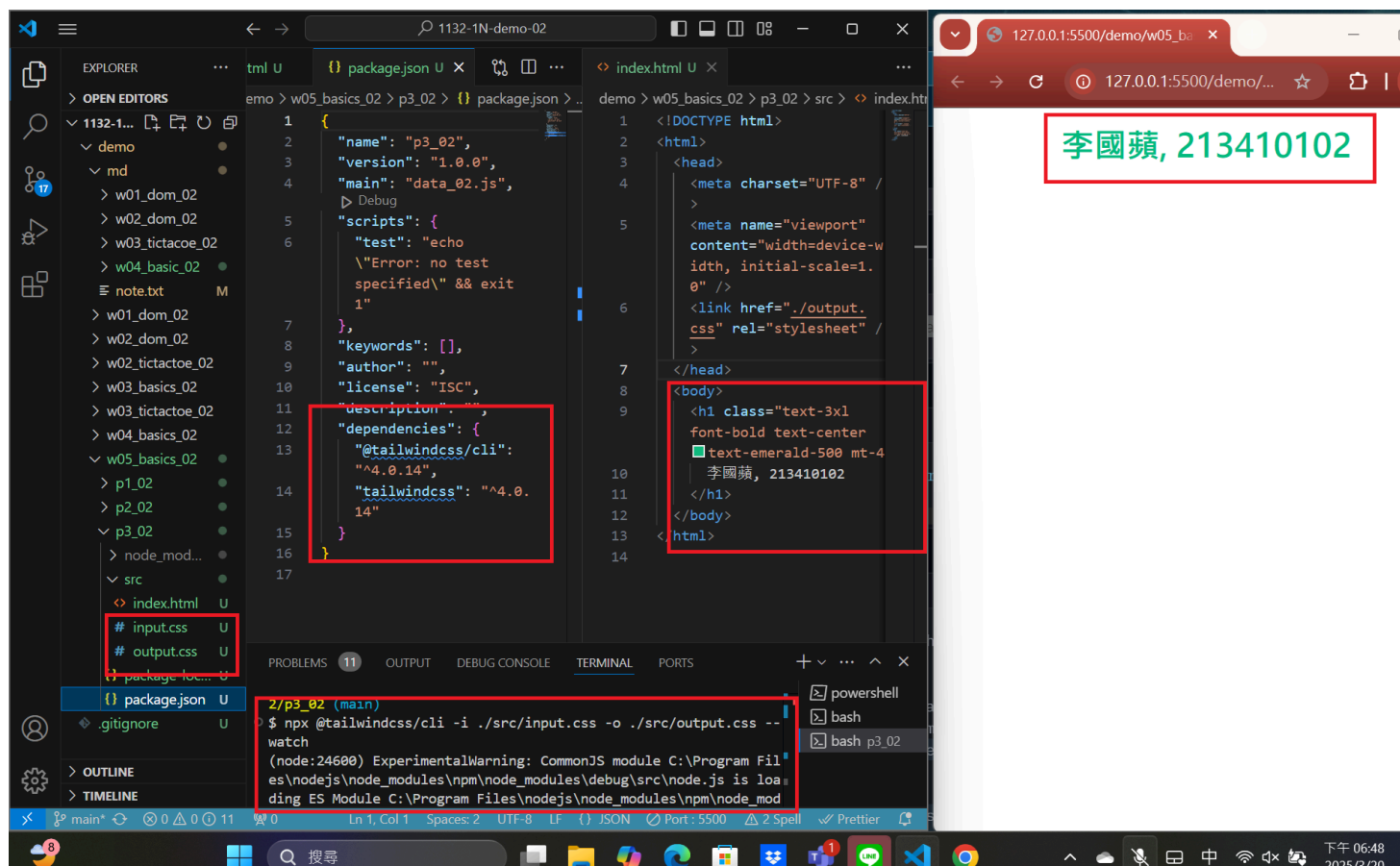


Video: W05-P1: Use Tailwindcss CLI to show tailwind css without internet access



Video: W05-P2: use students object array to show statistics

=> no sorting, show in result1 section

The image shows a code editor on the left and a web browser on the right. The code editor displays a JavaScript file `p4_02.js` with the following content:

```
48 const outputStat = (s, isSort, result) => {  
49   const resultText =  
50     <h3 class='my-4'> Array Statistics for ${  
51       result === 'result1' ? 'result1' : 'result2'  
52     }</h3>  
53     <p>After sorting descending:</p>  
54     <p>${JSON.stringify(s)}</p>  
55     <p>Total: ${s.length}</p>  
56     <p>Pass: ${stat.pass}</p>  
57     <p>Fail: ${stat.fail}</p>  
58     <p>Highest: ${isSort === true ? s[0].score :  
59       computeHighest(s)}</p>  
60     <p>Lowest: ${isSort === true ? s[s.length - 1].  
61       score : computeLowest(s)}</p>  
62     <p>Average: ${stat.average.toFixed(1)}</p>  
63   if (result === 'result1') {  
64     result1.innerHTML = resultText  
65   } else if (result === 'result2') {  
66     result2.innerHTML = resultText  
67   }  
68 }  
69  
70 // sdata.push(85)  
71 computeStat(students)  
72 outputStat(students, false, 'result1')  
73  
74 const toSorted = students.toSorted(function (a, b) {  
75   return b.score - a.score  
76 })  
77 console.log('students after sorting', students)  
78 console.log('toSorted', toSorted)
```

The web browser on the right shows the output of the code. The title is "P4_02: Arrays and Objects" by 李國蘋, 213410102. The content displays "Array Statistics for result1" and "After sorting descending:" followed by a list of student objects: `{id:1,"name":"peter","score":80}`, `{id:2,"name":"john","score":90}`, `{id:3,"name":"amy","score":50}`, `{id:4,"name":"david","score":30}`, and `{id:5,"name":"susan","score":100}`. The statistics shown are: Total: 5, Pass: 3, Fail: 2, Highest: 100, Lowest: 30, and Average: 70.0. Below this, it shows "Array Statistics for result2" and "After sorting descending:" followed by a list of student objects: `{id:5,"name":"susan","score":100}`, `{id:2,"name":"john","score":90}`, `{id:1,"name":"peter","score":80}`, `{id:3,"name":"amy","score":50}`, and `{id:4,"name":"david","score":30}`. The statistics shown are: Total: 5.

=> after sorting, show in result2 section

The image shows a web application running in a browser at 127.0.0.1:5500/demo/. The application displays the results of a sorting function. The browser window has a title bar with the address bar showing the URL. The page content is divided into two sections: "Array Statistics for result1" and "Array Statistics for result2".

Array Statistics for result1

After sorting descending:

- [[{"id":1,"name":"peter","score":80}, {"id":2,"name":"john","score":90}, {"id":3,"name":"amy","score":50}, {"id":4,"name":"david","score":30}, {"id":5,"name":"susan","score":100}]]
- Total: 5
- Pass: 3
- Fail: 2
- Highest: 100
- Lowest: 30
- Average: 70.0

Array Statistics for result2

After sorting descending:

- [[{"id":5,"name":"susan","score":100}, {"id":2,"name":"john","score":90}, {"id":1,"name":"peter","score":80}, {"id":3,"name":"amy","score":50}, {"id":4,"name":"david","score":30}]]
- Total: 5
- Pass: 3
- Fail: 2
- Highest: 100
- Lowest: 30
- Average: 70.0

The browser's console shows the following output:

```
students p4_02.js:2
(5) [(-), (-), (-), (-), (-)]
after sorting p4_02.js:28
(5) [(-), (-), (-), (-), (-)]
toSorted p4_02.js:79
(5) [(-), (-), (-), (-), (-)]
0: {id: 5, name: 'susan', score: 100}
1: {id: 2, name: 'john', score: 90}
2: {id: 1, name: 'peter', score: 80}
3: {id: 3, name: 'amy', score: 50}
4: {id: 4, name: 'david', score: 30}
length: 5
[[Prototype]]: Array(0)
```

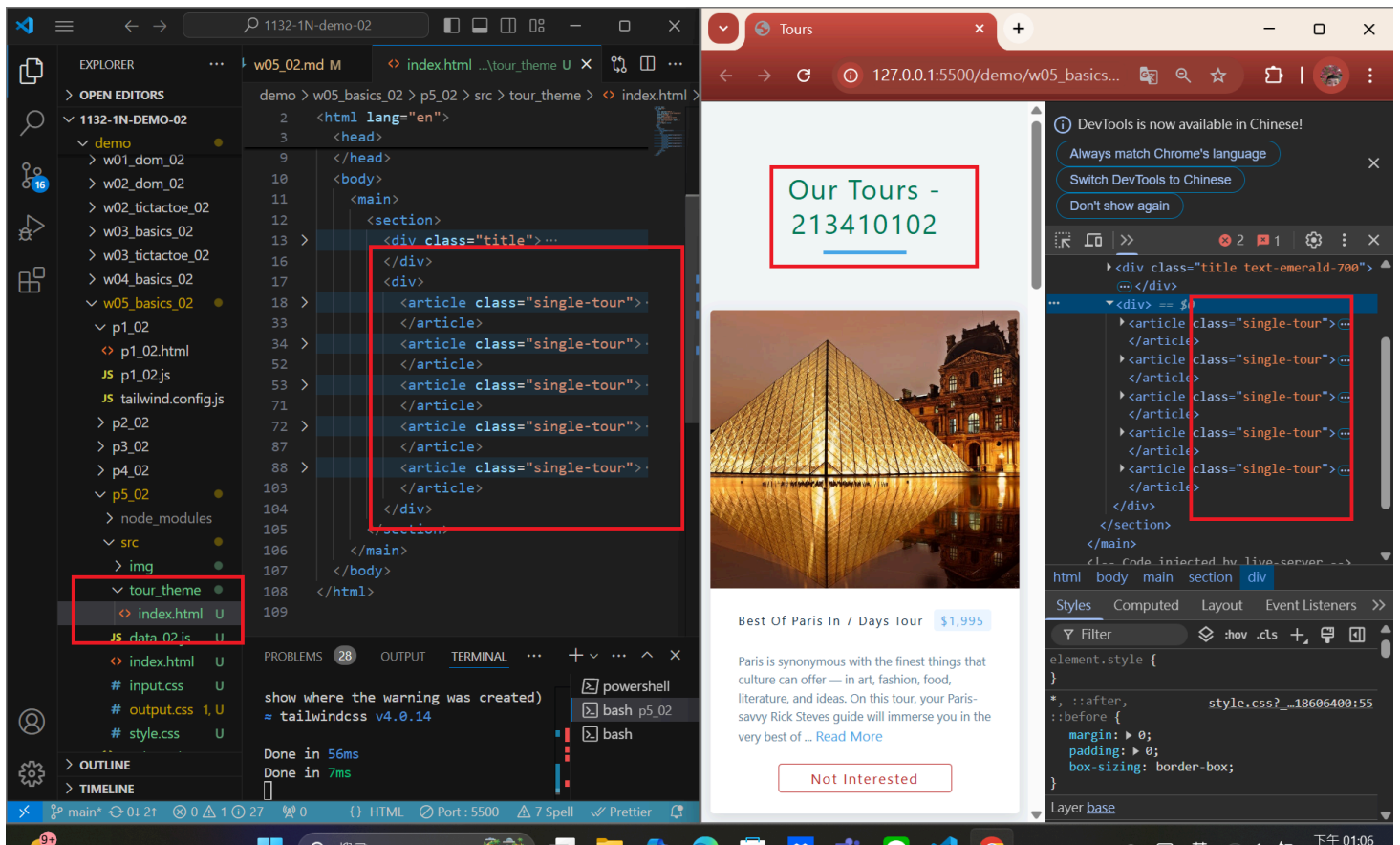
998a5fc apple550678

Thu Mar 20 20:18:08 2025 +0800

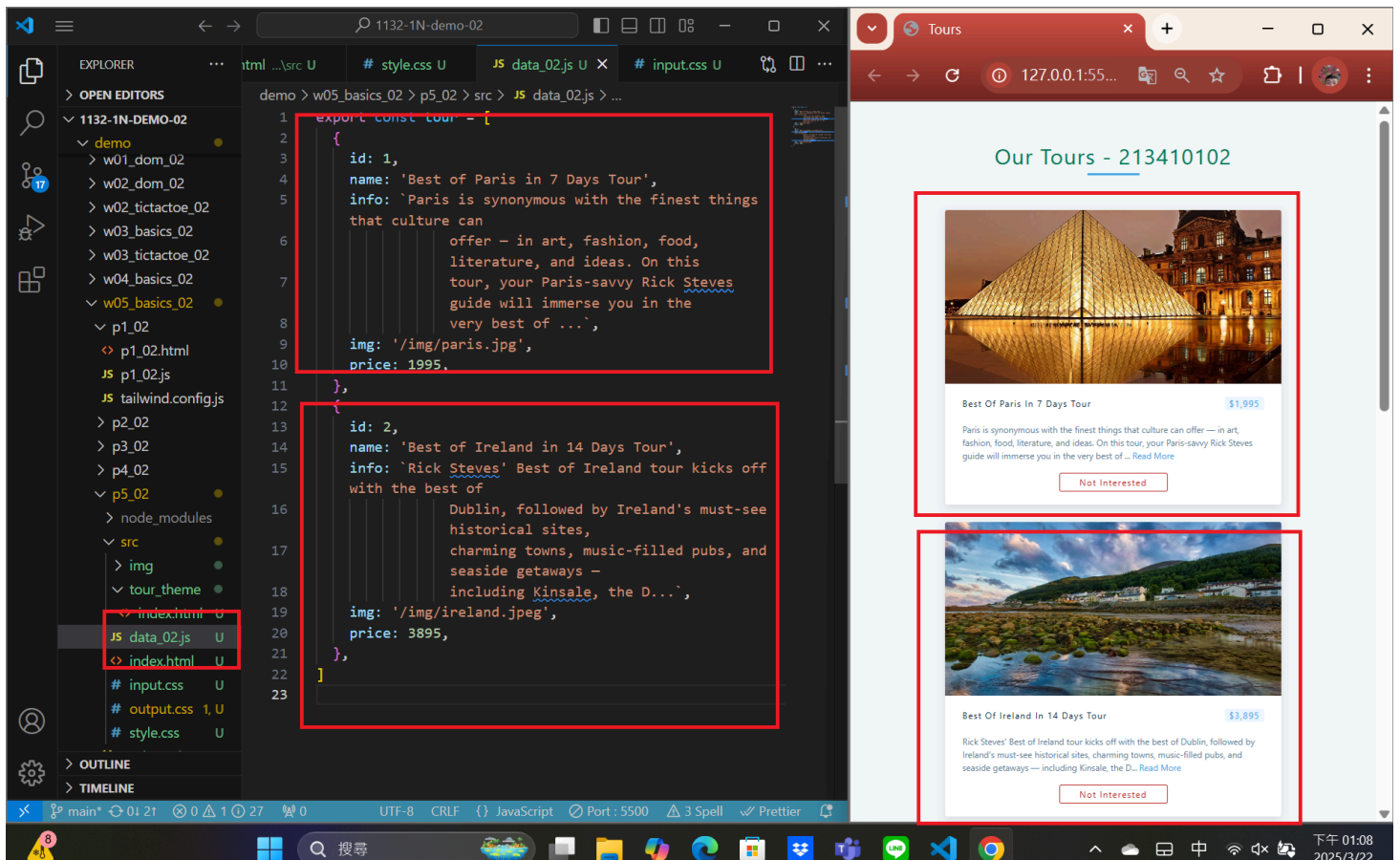
Video: W05-P2: use students object array

Video: W05-P3: show 5 tours in p5_xx.html using tour theme

=> display 5 tours in tour theme, make tailwind css work as well



=> use array `tours_xx` to store all data of 5 tours



0e2f998 apple550678

Sat Mar 22 13:13:30 2025 +0800

Video: W05-P3: show 5 tours in `p5_xx.html`