

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

The screenshot shows a VS Code interface with several open files and a terminal window.

- EXPLORER:** Shows the project structure for "1132-IN-DEMO-43". It includes a "demo" folder containing "w01_dom_43", "w02_dom_43", "w03_tictactoe_43", "w03_basics_43", "w03_tictactoe_43", "w04_basics_43", and "w05_basics_43". Each of these sub-folders contains "p1", "p2", and "p3" sub-folders, and a "src" folder with "input.css" and "output.css". A "package.json" file is also present in each sub-folder. The "README.md" file is shown at the root level.
- HTML Editor:** Shows the content of "p3_43.html". It contains an

element with the class "text-3xl font-bold text-center text-emerald-500 mt-4" and the text ">213410243, VICTOR HSU".
- package.json:** Shows the package.json file for "w05_basics_43". It includes a "scripts" section with a "watch:tailwindcss" command.
- Terminal:** Shows the command history and output of the Tailwindcss CLI. The commands run were:


```
> p3_43@0.0 watch:tailwindcss
> npx @tailwindcss/cli -i src/input.css -o src/output.css --watch
# tailwindcss v4.0.15
Done in 25ms
```
- Browser Preview:** Shows a browser window displaying the result of the Tailwindcss CSS-in-JS compilation, showing the text ">213410243, VICTOR HSU" in a large, bold, green font.

955d5ed victor_xu

Sat Mar 22 09:01:59 2025 +0800 W05-P1: Use Tailwindcss CLI to

W05-P2: use students object array to show statistics

=> no sorting, show in result1 section

The screenshot shows a development environment with two main panes. On the left is the VS Code interface, and on the right is a browser developer tools panel.

VS Code (Left):

- EXPLORER:** Shows a project structure for "1132-IN-DEMO-43" containing "demo", "w01_dom_43", "w02_43", "w03_tictactoe_43", "w04_basics_43", "w05_basics_43", and "w05_basics_43".
- PACKAGE.JSON:** Contains the following content:

```
{} package.json U
```
- index.html:** Contains the following script tag:

```
<script src="p4_43.js">
```
- p4_43.js:** Contains the following code:

```
38 const computeHighest = (s) => {
42   return state.highest;
43 }
44
45 const computeLowest = (s) => {
46   s.forEach((item) => {
47     if (item.score < state.lowest) state.lowest = item.score;
48   })
49 }
50
51
52 const outputStat = (s, isSort, result) => {
53   const resultText =
54     <h3>Array Statistics for ${result}</h3>
55     <p>After sorting descending:</p>
56     <p><code>${JSON.stringify(s)}</code></p>
57     <p>Total: ${s.length}</p>
58     <p>Pass: ${state.pass}</p>
59     <p>Fail: ${state.fail}</p>
60     <p>Heightest: ${isSort ? s[0].score : computeHighest(s)}</p>
61     <p>Lowest: ${isSort ? s[s.length - 1].score : computeLowest(s)}</p>
62     <p>Average: ${state.average.toFixed(1)}</p>
63
64   if (result === 'result1') result1.innerHTML = resultText
65   else result2.innerHTML = resultText
66 }
67
68 computeStat(students)
69 outputStat(students, false, 'result1')
```
- TERMINAL:** Shows the command "tailwindcss v4.0.15" and its execution progress.

Browser Developer Tools (Right):

- Network:** Shows a request to "127.0.0.1:5500/demo" with a status of 200.
- Elements:** Shows the page content:

213410243, VICTOR HSU

Array Staticistics 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

Heightest: 100
Lowest: 30
Average: 70.0
- Console:** Shows the following JavaScript objects:

```
students ▶ (5) [{}]
  ▷ 0: {id: 1, name: 'peter', score: 80}
  ▷ 1: {id: 2, name: 'john', score: 90}
  ▷ 2: {id: 3, name: 'amy', score: 50}
  ▷ 3: {id: 4, name: 'david', score: 30}
  ▷ 4: {id: 5, name: 'susan', score: 100}
  length: 5
  [[Prototype]: Array(0)]
```

```
after sorting: ▶ (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)]
```

=> after sorting, show in result2 section

```
{} package.json U index.html U JS p4_43.js U
demo > w05_basics_43 > p4 > src > JS p4_43.js > ...
45 const computeLowest = (s) => {
50 }
51
52 const outputStat = (s, isSort, result) => {
53   const resultText = `
54     <h3 class="my-4">Array Statistics for ${result}</h3>
55     <p>After sorting descending:</p>
56     <p>${JSON.stringify(s)}</p>
57     <p>Total: ${s.length}</p>
58     <p>Pass: ${state.pass}</p>
59     <p>Fail: ${state.fail}</p>
60     <p>Heighest: ${isSort ? s[0].score : computeHeighest(s)}</p>
61     <p>Lowest: ${isSort ? s[s.length - 1].score : computeLowest(s)}</p>
62     <p>Average: ${state.average.toFixed(1)}</p>
63
64   if (result === 'result1') result1.innerHTML = resultText
65   else result2.innerHTML = resultText
66 }
67
68 computeStat(students)
69 outputStat(students, false, 'result1')
70
71 const toSorted = students.toSorted((a, b) => b.score - a.score)
72
73 console.log('after sorting: ', students)
74 console.log('toSorted', toSorted)
75
76 //computeStat(students)
77 outputStat(toSorted, true, 'result2')
78
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS SPELL CHECKER ...

> TERMINAL

= tailwindcss v4.8.15

Done in 27ms
Done in 289us
Done in 1ms
Done in 537us
Done in 192us

Spaces: 4 UTF-8 LF () JavaScript Port: 5500

213410243, VICTOR HSU

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
Heighest: 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
Heighest: 100
Lowest: 30
Average: 70.0

b64cbef victor_xu

Sat Mar 22 09:25:26 2025 +0800 W05-P2: use students object arr

W05-P3: show 5 tours in p5_43.html using tour theme

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

The image shows a development environment with two main components: a code editor and a web browser.

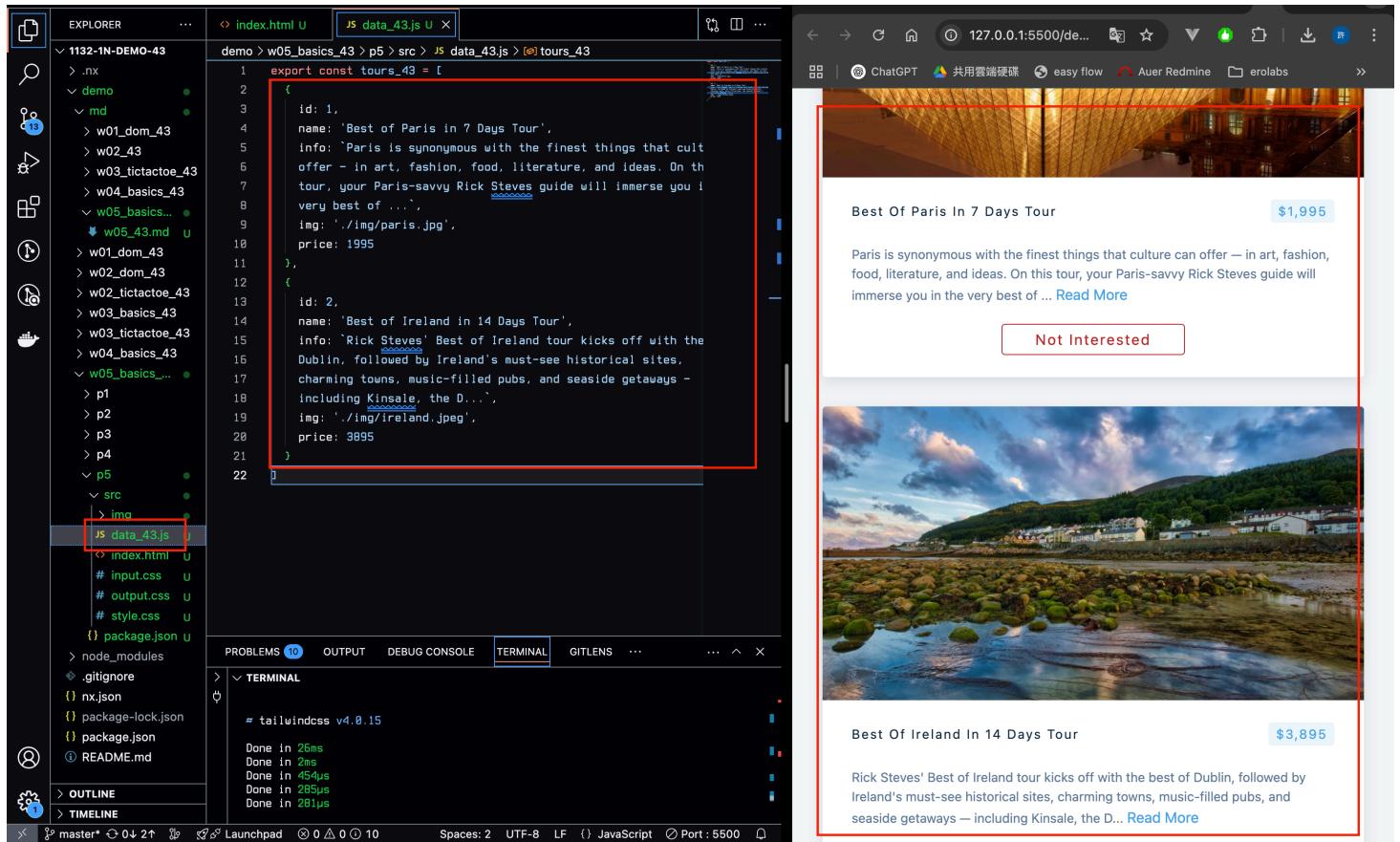
Code Editor (VS Code):

- Explorer:** Shows a project structure with folders like .nx, demo, md, w01_dom_43, w02_dom_43, w03_tictactoe_43, w04_basics_43, w05_basics_43, and w05_basics_43.
- index.html:** Contains the main HTML structure including a title "Our Tours - 213410243" and a section for tours.
- data_43.js:** Contains a script block with some data.
- Terminal:** Shows the command "tailwindcss v4.0.15" and its execution results.

Browser Preview:

- URL:** 127.0.0.1:5500/demo/w05...
- Title:** Our Tours - 213410243
- Content:** A section titled "Our Tours - 213410243" containing five tour items, each wrapped in an article with class "single-tour".
- Image:** An image of the Louvre Pyramid at night.
- Text:** "Best Of Paris In 7 Days Tour" with a price of "\$1,995".
- Text:** "Paris is synonymous with the finest things that culture can offer — in art, fashion, food, literature, and ideas. On this tour, your Paris-savvy Rick Steves guide will immerse you in the very best of ... [Read More](#)
- Buttons:** "Not Interested" and a blurred "Book Now" button.
- Elements Panel:** Shows the DOM structure with the tour articles highlighted.
- Styles Panel:** Shows Tailwind CSS classes like "text-emerald-700" and "single-tour".

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



The code editor shows a file named `data_43.js` with the following content:

```
1 export const tours_43 = [
2   {
3     id: 1,
4     name: 'Best of Paris in 7 Days Tour',
5     info: 'Paris is synonymous with the finest things that culture can offer — in art, fashion, food, literature, and ideas. On this tour, your Paris-savvy Rick Steves guide will immerse you in the very best of ...',
6     img: './img/paris.jpg',
7     price: 1995
8   },
9   {
10     id: 2,
11     name: 'Best of Ireland in 14 Days Tour',
12     info: 'Rick Steves' Best of Ireland tour kicks off with the best of Dublin, followed by Ireland's must-see historical sites, charming towns, music-filled pubs, and seaside getaways — including Kinsale, the D...',
13     img: './img/ireland.jpeg',
14     price: 3895
15   }
16 ]
```

The browser window on the right displays two tour cards:

- Best Of Paris In 7 Days Tour** (\$1,995)
Paris is synonymous with the finest things that culture can offer — in art, fashion, food, literature, and ideas. On this tour, your Paris-savvy Rick Steves guide will immerse you in the very best of ... [Read More](#)
- Best Of Ireland In 14 Days Tour** (\$3,895)
Rick Steves' Best of Ireland tour kicks off with the best of Dublin, followed by Ireland's must-see historical sites, charming towns, music-filled pubs, and seaside getaways — including Kinsale, the D... [Read More](#)

500dc29 victor_xu

Sat Mar 22 09:45:57 2025 +0800 W05-P3: show 5 tours in p5_43.h

W05-logs: git logs of W05

The screenshot shows a GitHub repository interface. At the top, the repository path is `vic0627 / 1132-1N-demo-43`. Below the header are navigation links: Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and a three-dot menu. The main section is titled "Commits". A dropdown menu shows "master" selected. To the right are filters for "All users" and "All time". The commit history lists three commits:

- W05-P3: show 5 tours in p5_43.html using tour theme** (500dc29) by `victor_xu` committed 1 minute ago.
- W05-P2: use students object array to show statistics** (b64cbef) by `victor_xu` committed 21 minutes ago.
- W05-P1: Use Tailwindcss CLI to show tailwind css without internet access** (955d5ed) by `victor_xu` committed 45 minutes ago.