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

```

VS Code Editor Screenshot
File Explorer: 1132-1N-DEMO-14
    - .vscode
    - md
    - w01_dom_14
    - w02_dom_14
    - w02_tictactoe_14
    - w03_bsics_14
    - w03_tictactoe_14
    - w04_basic_14
    - w05_basic_14
        - p1_14
        - p2_14
        - p3_14
            - node_modules
            - src
                - index.html
                - input.css
                - output.css
                - package-lock.json
            - package.json
            - .gitignore
            - README.md
    - p3_14
    - package.json
    - .gitignore
    - README.md

Editor Area (index.html):
<html lang="en">
<head>
<script src="https://unpkg.com/tailwindcss@^2/dist/tailwind.min.js"></script>
<title>P2_14</title>
</head>
<body>
<h1 class="mt-4 text-3xl">LTLin, 913410014</h1>
</body>
</html>

Editor Area (package.json):
{
  "name": "p3_14",
  "version": "1.0.0",
  "main": "index.js",
  "scripts": {
    "test": "echo \\\"Error: no test specified\\\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "description": "",
  "dependencies": {
    "@tailwindcss/cli": "^4.0.14",
    "tailwindcss": "^4.0.14"
  }
}

Terminal:
PS C:\Users\liangtinglin\Documents\淡江課程\javascript課程\1132-1N-DEMO-14> cd C:\Users\liangtinglin\Documents\淡江課程\javascript課程\1132-1N-DEMO-14\w05_basic_14\p3_14
PS C:\Users\liangtinglin\Documents\淡江課程\javascript課程\1132-1N-DEMO-14\w05_basic_14\p3_14> npx @tailwindcss/cli -i ./src/input.css -o ./src/output.css --watch
tailwindcss v4.0.14

Done in 49ms
Done in 2ms
  
```

```

VS Code Editor Screenshot
File Explorer: 1132-1N-DEMO-14
    - .vscode
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    - w01_dom_14
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    - w05_basic_14
        - p1_14
        - p2_14
        - p3_14
            - node_modules
            - src
                - index.html
                - input.css
                - output.css
                - package-lock.json
                - package.json
                - .gitignore
                - README.md
    - p3_14
    - package.json
    - .gitignore
    - README.md

Editor Area (.gitignore):
# Dependency directories
node_modules/
.jspm_packages/
# Logs
logs
*.log
npm-debug.log*
yarn-debug.log*
yarn-error.log*
lerna-debug.log*
.npm-debug.log*
# Diagnostic reports (https://nodejs.org/api/report.html)
report.[0-9]*.[0-9]*.[0-9]*.[0-9]*.json
# Runtime data
pids
*.pid
*.seed
*.pid.lock
# Directory for instrumented libs generated by jscov
lib-cov
# Coverage directory used by tools like istanbul
coverage
*.lcov
# nyc test coverage
.nyc_output
# Grunt intermediate storage (https://gruntjs.com/creating-tasks#grunt-file-intermediate-data-storage)
.grunt

Editor Area (package.json):
{
  "name": "p3_14",
  "version": "1.0.0",
  "main": "index.js",
  "scripts": {
    "test": "echo \\\"Error: no test specified\\\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "description": "",
  "dependencies": {
    "@tailwindcss/cli": "^4.0.14",
    "tailwindcss": "^4.0.14"
  }
}

Terminal:
zero2005x (2 days ago) Ln 8, Col 15 Spaces: 4 UTF-8 CRLF {} Ignore Go Live http://127.0.0.1:5500 Prettier
  
```

26b5ebd%09zero2005x%09Thu Mar 20 18:44:43 2025 +0800
CLI to show tailwind css without internet access

W05-P1: Use Tailwindcss

W05-P2: use students object array to show statistics

=> no sorting, show in result1 section

```

1132-1N-DEMO-14
w05_14.md M JS p4_14.js M
w05_basic_14 > p4_14 > src > JS p4_14.js > outputStat > resultText
69
70 const toSorted = students.toSorted(function
71 | // sorted
72 | | return b.score - a.score;
73 | );
74
75 const outputStat = (s, isSort, result) => {
76 | const resultText = `<h3 class="my-4">Array
77 | | ${result === "result1" ? "result1" : "result2"}</h3>
78 | <p>After sorting descending:</p>
79 | <p>${JSON.stringify(s)}</p>
80 | <p>Total: ${s.length}</p>
81 | <p>Pass: ${stat.pass}</p>
82 | <p>Fail: ${stat.fail}</p>
83 | <p>Height: ${isSort === true ? s[0].score
84 | | : s[s.length - 1].score}</p>
85 | <p>Lowest: ${isSort === true ? s[0].length
86 | | : s[s.length - 1].length}</p>
87 | <p>Average: ${stat.average.toFixed(2)}</p>
88 |
89 if (result === "result1") {
90 | | result1.innerHTML = resultText;
91 } else if (result === "result2") {
92 | | result2.innerHTML = resultText;
93 }
94 };
95
96 console.log("students", students);
97 console.log("toSorted", toSorted);
98
99 computeStat(students);
100
101 outputStat(students, false, "result1");
102

```

P4_14 : Arrays and Objects

LTLin, 913410014

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
Height: 100
Lowest: 30
Average: 87.50

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
Height: 100
Lowest: 30

=> after sorting, show in result2 section

```

1132-1N-DEMO-14
w05_14.md M JS p4_14.js M
w05_basic_14 > p4_14 > src > JS p4_14.js > outputStat > resultText
69
70 const toSorted = students.toSorted(function
71 | // sorted
72 | | return b.score - a.score;
73 | );
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75 const outputStat = (s, isSort, result) => {
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77 | | ${result === "result1" ? "result1" : "result2"}</h3>
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82 | <p>Fail: ${stat.fail}</p>
83 | <p>Height: ${isSort === true ? s[0].score
84 | | : s[s.length - 1].score}</p>
85 | <p>Lowest: ${isSort === true ? s[0].length
86 | | : s[s.length - 1].length}</p>
87 | <p>Average: ${stat.average.toFixed(2)}</p>
88 |
89 if (result === "result1") {
90 | | result1.innerHTML = resultText;
91 } else if (result === "result2") {
92 | | result2.innerHTML = resultText;
93 }
94 };
95
96 console.log("students", students);
97 console.log("toSorted", toSorted);
98
99 computeStat(students);
100
101 outputStat(students, false, "result1");
102

```

P4_14 : Arrays and Objects

LTLin, 913410014

Array Statistics for result1

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
Height: 100
Lowest: 30
Average: 87.50

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
Height: 100
Lowest: 30

26b5ebd%09zero2005x%09Thu Mar 20 18:44:43 2025 +0800 W05-P1: Use Tailwindcss
CLI to show tailwind css without internet access

W05-P3: show 5 tours in p5_14.html using tour theme

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

The screenshot shows the VS Code interface with the file `index.html` open in the editor. The code displays a list of tours, each with a title, info, img URL, and price. The browser preview on the right shows a tour for "LTLin, 913410014" with a large image of the Louvre pyramid.

```

<html lang="en">
  <head>
    <body>
      <main>
        <section>
          <div class="title text-emerald-700">
            <h2>LTLin, 913410014</h2>
            <div class="underline"></div>
          </div>
          <div>
            <article class="single-tour">...
            </article>
            <article class="single-tour">...
            </article>
          </div>
        </section>
      </main>
    </body>
</html>

```

=> use array tour_14 to store all data of 5 tours

The screenshot shows the VS Code interface with the file `data_14.js` open in the editor. It defines an array `tours_14` containing five tour objects, each with id, name, info, img URL, and price. The browser preview on the right shows a tour for "Best Of Paris In 7 Days Tour" with a different image of the Louvre pyramid.

```

export const tours_14 = [
  {
    id: 1,
    name: "Best of Paris in 7 Days Tour",
    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 ...",
    img: "./img/paris.jpg",
    price: 1999,
  },
  {
    id: 2,
    name: "Best of Ireland in 14 Days Tour",
    info: "Rick Steves' Best of Ireland tour kicks off w...",
    img: "./img/ireland.jpg",
    price: 3895,
  },
  {
    id: 3,
    name: "Best of Rome in 7 Days Tour",
    info: "Rick Steves' Best of Ireland tour kicks off w...",
    img: "./img/rome.jpg",
    price: 3895,
  },
  {
    id: 4,
    name: "Best of Scotland in 14 Days Tour",
    info: "Rick Steves' Best of Scotland tour kicks off w...",
    img: "./img/scotland.jpg",
    price: 3895,
  },
  {
    id: 5,
    name: "Best of New Zealand in 14 Days Tour",
    info: "Rick Steves' Best of New Zealand tour kicks off w...",
    img: "./img/newzealand.jpg",
    price: 3895,
  }
]

```

W05-log: git logs for W05

The screenshot shows a GitHub repository page for 'zero2005x/1132-IN-DEMO-14'. The 'Commits' tab is selected. The main branch is 'main'. The search bar contains 'Type [] to search'. Filter buttons for 'All users' and 'All time' are visible. The commit history is organized by date:

- Commits on Mar 20, 2025:**
 - W05-P2: use students object array to show statistics** (zero2005x committed 1 minute ago) - Commit hash: 93fc309
 - W05-P1: Use Tailwindcss CLI to show tailwind css without internet access** (zero2005x committed 2 hours ago) - Commit hash: 26b5ebd
- Commits on Mar 13, 2025:**
 - W04-P4 : Show toSorted data and a stat object to store statistical data** (zero2005x committed last week) - Commit hash: 5d429e3
 - W04-P3 :Show sdata statistics from js code** (zero2005x committed last week) - Commit hash: b4228ce
 - create html code to show sdata original in js code** (zero2005x committed last week) - Commit hash: 71cf488
 - W04-P1: Setup Tailwindcss for p1 14.html** (zero2005x committed last week)