

Step-by-step correct setup (fresh folder)

```
mkdir mytailwind
```

```
cd mytailwind
```

1. Initialize project first (IMPORTANT)

Inside your new folder:

```
npm init -y
```

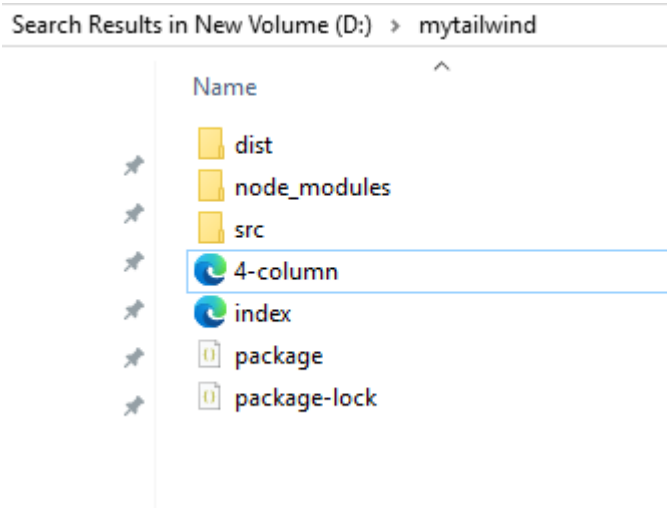
2. Install Tailwind properly

```
npm install -D tailwindcss @tailwindcss/cli
```

3. Create folder structure

Make this:

```
mytailwind/  
  src/  
    input.css  
  dist/  
    index.html
```



4. Add Tailwind input file

```
src/input.css
```

```
@import "tailwindcss";
```

5. Run Tailwind build

```
npx tailwindcss -i ./src/input.css -o ./dist/output.css --watch
```

as shown below

```
npx tailwindcss -i ./src/input.css -o ./dist/output.css --watch

Done in 364ms
Done in 812µs
Done in 2ms
Done in 28ms
Done in 27ms
Done in 498µs
Done in 79ms
Done in 6ms
Done in 2ms
Done in 427µs
Done in 598µs
Done in 7ms
Done in 1ms
Done in 484µs
Done in 59ms
Done in 1ms
Done in 1ms
```

6. Link CSS in HTML

index.html

```
<!DOCTYPE html>
<html>
<head>
  <link href="./dist/output.css" rel="stylesheet">
</head>
<body class="bg-black text-white flex items-center justify-center min-h-
screen">
  <h1 class="text-4xl text-blue-400">Tailwind v4 Working ☐</h1>
</body>
</html>
```

And In Your React Js With Vite Project :-

Step-by-Step Guide: React + Vite + Tailwind CSS (v4 Working Setup)

□ STEP 1: Create React + Vite Project

Open terminal and run:

```
npm create vite@latest my-app
```

Select:

- Framework: **React**
- Variant: **JavaScript**

Then:

```
cd my-app  
npm install
```

□ STEP 2: Install Tailwind (Correct Method for v4)

```
npm install tailwindcss @tailwindcss/vite
```

□ STEP 3: Configure Vite

Open/create:

```
□ vite.config.js
```

```
import { defineConfig } from 'vite'
import react from '@vitejs/plugin-react'
import tailwindcss from '@tailwindcss/vite'

export default defineConfig({
  plugins: [
    react(),
    tailwindcss(),
  ],
})
```

STEP 4: Setup Tailwind in CSS

Open:

src/index.css

Replace everything with:

```
@import "tailwindcss";
```

STEP 5: Ensure CSS is imported

Open:

src/main.jsx

Make sure this line exists:

```
import './index.css'
```

STEP 6: Run the project

```
npm run dev
```

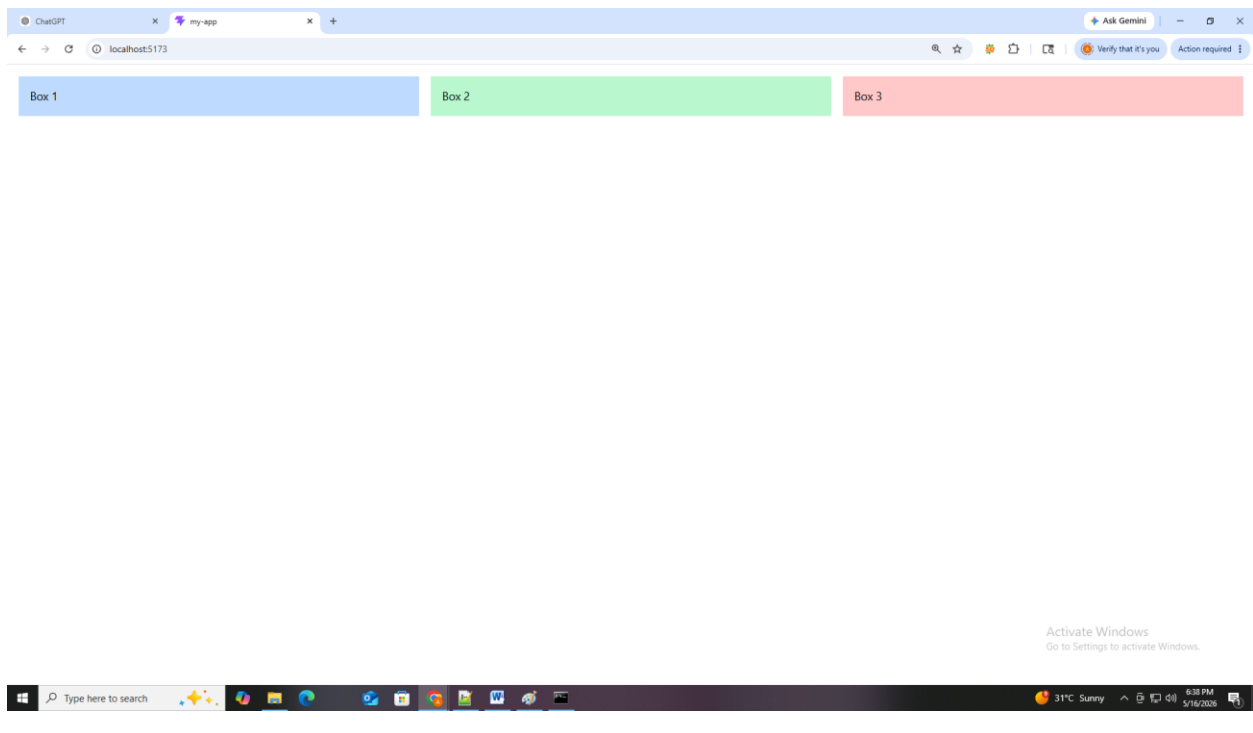
STEP 7: Test Tailwind

Open App.jsx:

```
function App() {
```

```
return (  
  <div className="grid grid-cols-1 md:grid-cols-3 gap-4 p-4">  
    <div className="bg-blue-200 p-4">Box 1</div>  
    <div className="bg-green-200 p-4">Box 2</div>  
    <div className="bg-red-200 p-4">Box 3</div>  
  </div>  
)  
}  
  
export default App
```

Expected Output



Key Teaching Notes (VERY IMPORTANT)

Explain to students:

✓ This is Tailwind v4 way:

- Uses Vite plugin: @tailwindcss/vite
- Uses CSS import: @import "tailwindcss"

correct Tailwind setup (v4 safe)

```
npm install -D tailwindcss @tailwindcss/vite
```

STEP 3: FIX vite.config.js (IMPORTANT)

Open or create:

```
import { defineConfig } from 'vite'
import react from '@vitejs/plugin-react'
import tailwindcss from '@tailwindcss/vite'

export default defineConfig({
  plugins: [
    react(),
    tailwindcss(),
  ],
})
```

STEP 4: Fix CSS (IMPORTANT CHANGE)

Open:

src/index.css

Replace EVERYTHING with:

```
@import "tailwindcss";
```