

Tailwind CLI Installation Guide

1) Create a new folder.

2) Open the folder in VS code.

3) Open a new terminal.

4) Type: `npm init -y` (this creates a package.json file)

5) Type: `npm install -D tailwindcss` (creates node modules folder and adds tailwindcss to our dependencies in package.json folder)

6) Type: `npm tailwindcss init` (creates tailwind.config.js file)

7)

```
tailwind.config.js X
tailwind.config.js > <unknown> > content
1  /** @type {import('tailwindcss').Config} */
2  module.exports = {
3    content: ['./*.html'],
4    theme: {
5      extend: {},
6    },
7    plugins: [],
8  }
```

8) Create input.css file

```
input.css 3 X
input.css
1  @tailwind base;
2  @tailwind components;
3  @tailwind utilities;
```

9) We will create some custom scripts in package.json file

```
input.css  package.json X
package.json > {} scripts > watch
1  {
2    "name": "tailwind-cli-installation-guide",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
6    "scripts": {
7      "build": "tailwindcss -i ./input.css -o ./css/style.css",
8      "watch": "tailwindcss -i ./input.css -o ./css/style.css --watch"
9    },
10   },
11   "keywords": [],
12   "author": "",
13   "license": "ISC",
14   "devDependencies": {
15     "tailwindcss": "^3.3.5"
16   }
17 }
```

10) Type: `npm run build` in the terminal.

A new css folder will be created with style.css file.

```
TAILWIND-CLI-INSTALL...
└─ css
   └─ style.css
└─ node_modules
   └─ input.css
   └─ package-lock.json
   └─ package.json
   └─ tailwind.config.js
```

11) Create a new index.html file

Link style.css into it

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width,
    initial-scale=1.0" />
    <link rel="stylesheet" href="css/style.css" />
    <title>Simple tailwind starter</title>
  </head>
  <body>
    <h1 class="text-3xl">Simple tailwind starter</h1>
  </body>
</html>
```

12) Type `npm run watch` in the terminal (this will constantly watch our HTML file)

* Next whenever we want to create a new project using tailwind will take this installation guide folder, copy it, rename it to our project name and do `npm run watch`.

Directives and Functions

```
input.css
package.json
index.html
input.css
1 @tailwind base;
2 @tailwind components;
3 @tailwind utilities;
4
5 @layer base {
6   h1 {
7     @apply text-3xl;
8   }
9   h2 {
10    @apply text-xl;
11  }
12 }
13
14 @layer components {
15   .btn-blue {
16     @apply bg-blue-500 py-2 px-4 rounded-xl font-bold text-white
17     hover:bg-blue-700;
18   }
19 }
```

```
input.css
package.json
index.html
index.html > html > body > h2
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width,
6       initial-scale=1.0" />
7     <link rel="stylesheet" href="css/style.css" />
8     <title>Simple tailwind starter</title>
9   </head>
10  <body>
11    <h1>Simple tailwind starter</h1>
12    <h2>Hello world</h2>
13  </body>
14 </html>
```

Simple tailwind starter

Hello world

```
<body>
  <h1>Simple tailwind starter</h1>
  <h2>Hello world</h2>

  <button class="btn-blue">Click me</button>
</body>
```

Click me