

MODUL

PRAKTIKUM DESAIN WEB

MODUL

ALUR TAILWINDCSS



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JURUSAN : Teknik Informatika

KELAS : TI 3B 2022

TGL. PRAKTEK : 2 Januari 2023

JURUSAN TEKNIK INFORMATIKA

FAKULTAS TEKNOLOGI INFORMASI

UNIVERSITAS ISLAM BALITAR

2023

1. Aplikasi yang dibutuhkan sebelum menggunakan Tailwindcss

a. Instal Teks Editor

- Visual Studio Code (<https://code.visualstudio.com/>)
 - Untuk VS Code menggunakan Live server dan HTML CSS Support (<https://s.id/1vppm>) untuk mempermudah
- Sublime Text (<https://www.sublimetext.com/>)

b. Instal Node Js (<https://nodejs.org/en/>)

c. Instal Git (<https://git-scm.com/>)

2. Buka Git, Lalu Isikan Menggunakan Seperti Berikut Pada Terminal

- ### a.
- Ketikan pada git menggunakan tulisan berikut => `npm -d tailwind@latest postcss@latest autoprefixer@latest` => Maka akan muncul seperti gambar dibawah.

```
Yanottama@DESKTOP-3PMF263 MINGW64 ~
$ npm -d tailwind@latest postcss@latest autoprefixer@latest
npm info using npm@8.19.2
npm info using node@v18.12.1
npm timing npm:load:whichnode Completed in 1ms
npm timing config:load:defaults Completed in 2ms
npm timing config:load:file:C:\Program Files\nodejs\node_modules\npm\npmrc Completed in 15ms
npm timing config:load:builtin Completed in 16ms
npm timing config:load:cli Completed in 3ms
npm timing config:load:env Completed in 1ms
npm timing config:load:project Completed in 2ms
npm timing config:load:file:C:\Users\HP\.npmrc Completed in 0ms
npm timing config:load:user Completed in 1ms
npm timing config:load:file:C:\Users\HP\AppData\Roaming\npm\etc\npmrc Completed in 1ms
npm timing config:load:global Completed in 1ms
npm timing config:load:validate Completed in 0ms
npm timing config:load:credentials Completed in 1ms
npm timing config:load:setEnvs Completed in 2ms
npm timing config:load:load Completed in 29ms
npm timing npm:load:configload Completed in 29ms
npm timing npm:load:mkdirpcache Completed in 1ms
npm timing npm:load:mkdirplogs Completed in 1ms
npm timing npm:load:setTitle Completed in 2ms
npm timing config:load:flatten Completed in 5ms
npm timing npm:load:display Completed in 10ms
npm timing npm:load:logFile Completed in 11ms
npm timing npm:load:timers Completed in 0ms
npm timing npm:load:configScope Completed in 0ms
npm timing npm:load Completed in 57ms
Unknown command: "tailwind@latest"

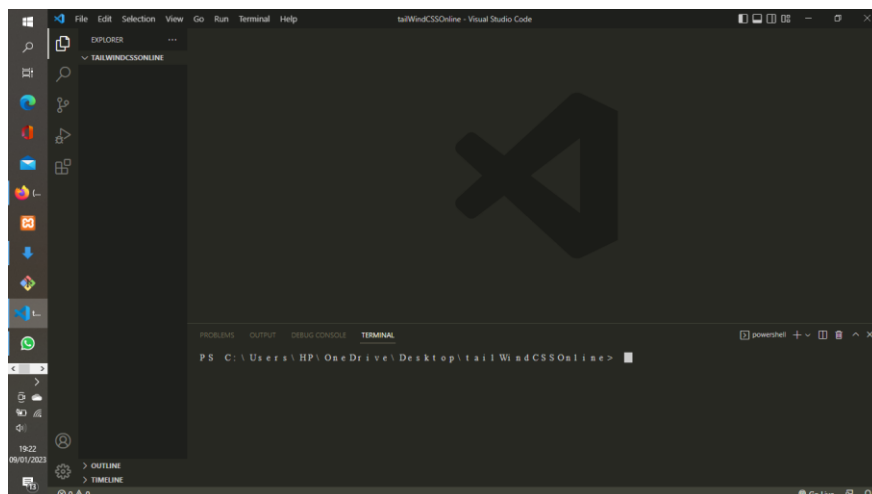
To see a list of supported npm commands, run:
  npm help
npm timing npm Completed in 78ms
```

- b. Lalu tekan enter dan masukkan teks berikut “npx tailwindcss init” => enter
Kembali, maka akan otomatis menginstal. Jika sudah maka akan seperti gambar di bawah.

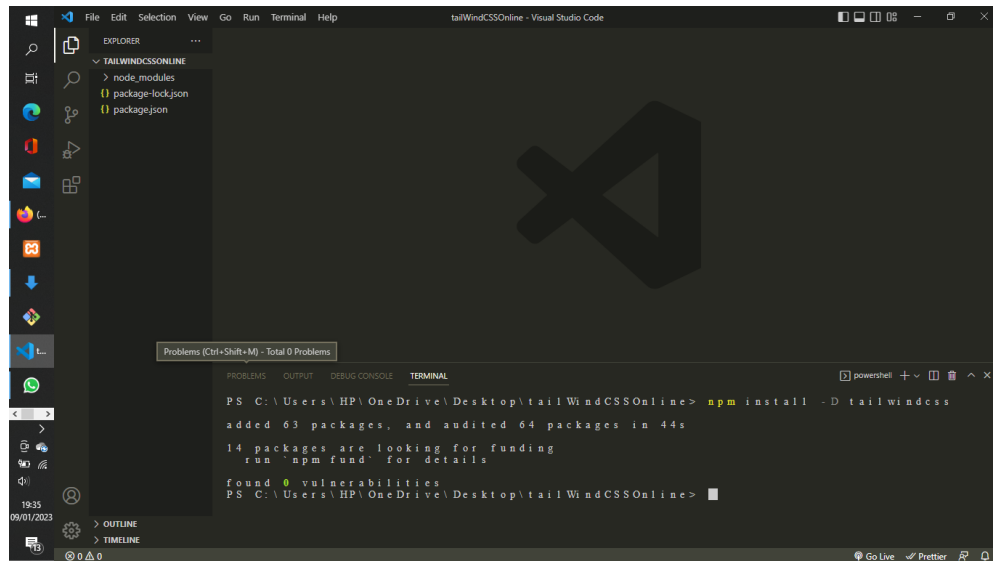
```
Yanottama@DESKTOP-3PMF263 MINGW64 ~  
$ npx tailwindcss init  
  
tailwind.config.js already exists.  
  
Yanottama@DESKTOP-3PMF263 MINGW64 ~  
$
```

3. Implementasi pada Teks Editor Menggunakan Terminal dan Mengambil File Tailwind sehingga Bisa Digunakan Secara Offline

- a. Buat folder, lalu buka text editor visual Studio Code.
b. Lalu buka terminal dengan menekan (**CTRL + `**) untuk membuka terminal.



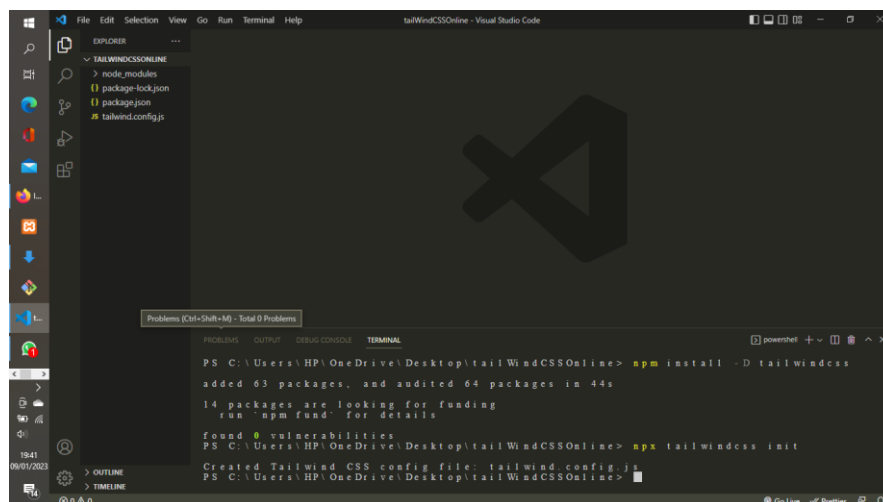
- c. Lalu install tailwindcss dengan kode (`npm install -D tailwindcss`)



```
PS C:\Users\HP\OneDrive\Desktop\tailWindCSSOnline> npm install -D tailwindcss
added 63 packages, and audited 64 packages in 44s
14 packages are looking for funding
  run `npm fund` for details
found 0 vulnerabilities
PS C:\Users\HP\OneDrive\Desktop\tailWindCSSOnline>
```

Maka akan muncul file package nya.

- d. Lalu init kan tailwindcss nya dengan memasukkan (`npx tailwindcss init`) pada terminal. Maka akan muncul tailwind config.js



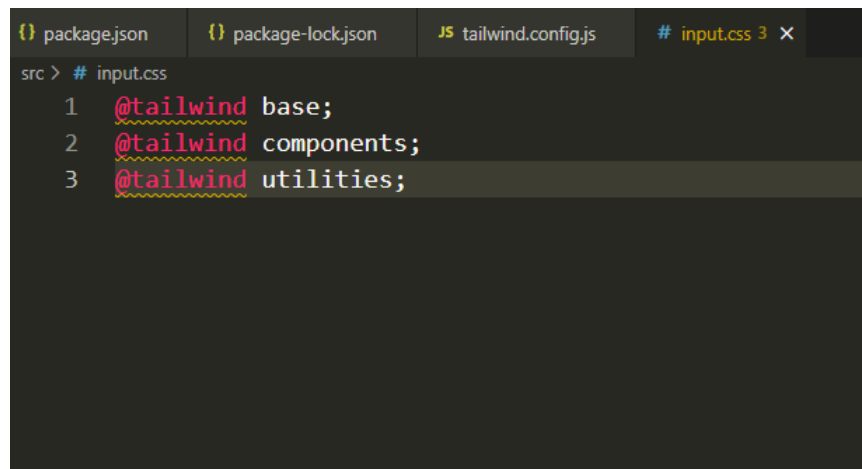
```
PS C:\Users\HP\OneDrive\Desktop\tailWindCSSOnline> npx tailwindcss init
Created Tailwind CSS config file: tailwind.config.js
PS C:\Users\HP\OneDrive\Desktop\tailWindCSSOnline>
```

- e. Lalu masukkan source seperti pada gambar pada file tailwind.config.js



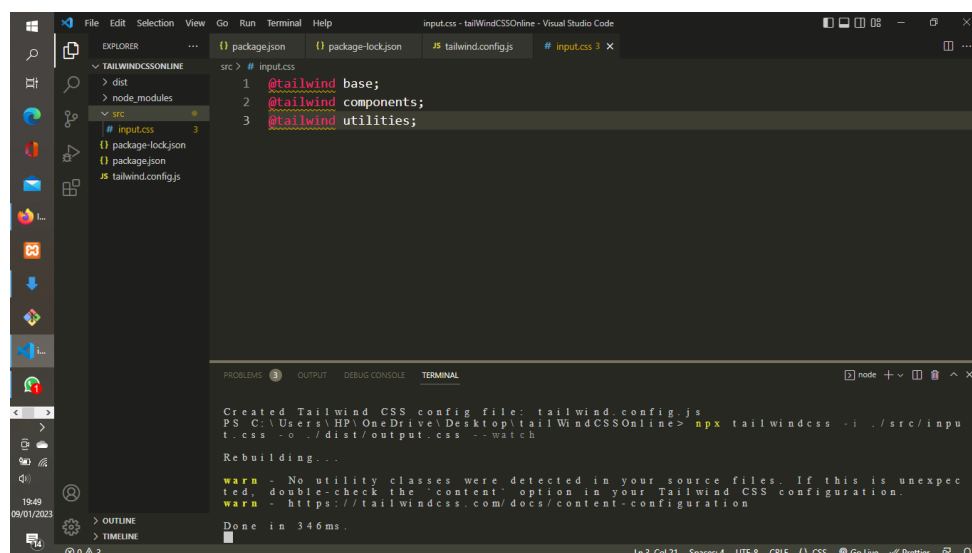
```
1 /** @type {import('tailwindcss').Config} */
2 module.exports = {
3   content: ['./src/**/*.html,js'],
4   theme: {
5     extend: {},
6   },
7   plugins: [],
8 }
9
```

- f. Buat folder dengan nama src lalu buat file css dengan nama input.css dan masukkan source nya seperti gambar



```
src > # input.css
1 @tailwind base;
2 @tailwind components;
3 @tailwind utilities;
```

- g. Mulai tailwindcss dengan memasukkan perintah berikut pada terminal (npx tailwindcss -i ./src/input.css -o ./dist/output.css --watch)

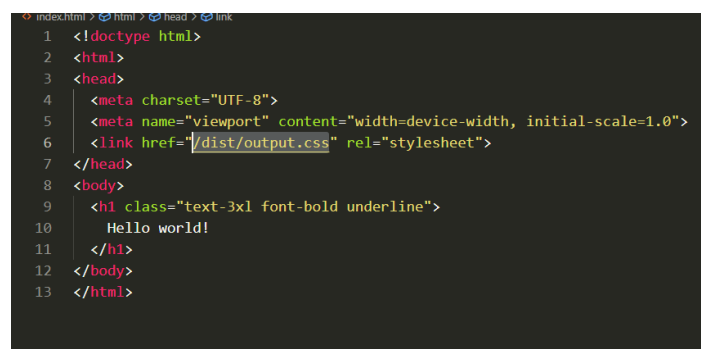


```
input.css - tailWindCSSOnline - Visual Studio Code
src > # input.css
1 @tailwind base;
2 @tailwind components;
3 @tailwind utilities;

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Created Tailwind CSS config file: tailwind.config.js
PS C:\Users\HP\OneDrive\Desktop\tailWindCSSOnline> npx tailwindcss -i ./src/input.css -o ./dist/output.css --watch
Rebuilding...
warn - No utility classes were detected in your source files. If this is unexpected, double-check the 'content' option in your Tailwind CSS configuration.
warn - https://tailwindcss.com/docs/content-configuration
Done in 346ms.
```

Maka akan rebuild.

- h. Lalu buat file html nya dan di hubungkan dengan href menggunakan seperti pada gambar



```
index.html > html > head > link
1 <!doctype html>
2 <html>
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link href="/dist/output.css" rel="stylesheet">
7 </head>
8 <body>
9   <h1 class="text-3xl font-bold underline">
10     Hello world!
11   </h1>
12 </body>
13 </html>
```

i. Maka file html bisa digunakan dengan menggunakan tailwindcss.

4. Tugas (Membuat Tampilan Helloword)

Source code :

```
1 <!doctype html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <link href="../dist/output.css" rel="stylesheet">
7 <title>Latian TailwindCSS</title>
8 </head>
9 <body>
10 <h1 class="text-3xl font-bold underline">
11   Hello world!
12 </h1>
13 <br>
14 <p class="text-blue-800">
15   Nama : Chakti Yanottama Padmasujianto
16 </p>
17 <p class="text-red-700">
18   NIM : 21104410064
19 </p>
20 <p class="text-green-800">
21   Kelas : TI -B
22 </p>
23 </h3>
24 </body>
25 </html>
```

Tampilan :

Hello world!

Nama : Chakti Yanottama Padmasujianto

NIM : 21104410064

Kelas : TI -B

