



L-10

Page No. _____
Date _____

1st way - CSS / Not recommended for large projects
2nd way - SASS / SCSS

1st ~~was use~~ Styled Components in React.js ~~very famous~~

Tailwind
no design
& sm not

Second - different libraries

like - material UI very popular

Chakra

bootstrap

Ant design

We are using - Tailwind CSS - Now growth/famous

Tailwind CSS behind scene uses PostCSS -

— we have ^{to} visit tailwindcss web &

choose desired framework ~~more~~ which we
are using here we are using parcel
so selecting parcel

& in terminal we have to paste

npm install -D tailwindcss postcss

~~it~~ it will create tailwindConfig.js file

Now we write have to

config PostCSS file & follow below

Parcel use PostCSS to understand
tailwind.

for width

className = 'w-8' to control width

p-4 → for padding

m-4 → for margin

mx - medium

lg - large

~~shd~~ ml - margin-left

mx - margin-right

px - on x-axis (left & right)

rounded-lg

rounded-2x

Solution if we have to write
hardcode value then we will

use w-[200px]

Normally we use Tailwind

But you can also

use hardcoded value

rounded-2x that means border-radius

Pods → Not moving b/w files / uses light
CSS → classes for each item: making
ugly

Parcel uses ~~an~~ ^{we} import only those CSS
which are using in our project from all/wind.

hovers:

for media query

Sm:- small device

Lg:- large device

Assignment - 10

Q How do we configure tailwind

- Select framework that you are using
- then

npm install -D tailwindcss

npm run tailwindcss init

In ~~tailwind~~ tailwind.config.js file, in

Content →

`./src/**/*.{html,js,ts}`

which
folders
you are
using

language
what thing you
are using

Add code in
index.css

File ~~of~~ ~~tailwind~~
given in ~~tailwind~~
in ~~code~~ box

In my code (don't have folders)
`['./src/**/*.{html,js,ts}'],`

- 1 - Add @tailwind & paste code from doc of tailwind
- 2 - finally, it's ready to use -

Q In tailwind Config.js, what does all the keys means.
(content, theme, extend, plugins)

Content - This key is used to configure content of all classes. It allow you to specify files or pattern that tailwind scan to find classes used in your html templates. by default it is set to [] which means tailwind won't scan any file you can provide array of file path.

theme: - The theme key is where you define your project specific design system. It contains various subkeys that allow you to customize colors, typography, etc.

extend: - The extend key is used to extend the default configuration of Tailwind CSS.

plugins: - it is used to enable or add 3rd party plugin to your Tailwind CSS configuration.

Q → why do we have `postcss.config.js`?

The `postcss.config.js` is used or allow you to define plugins & configuration that should be applied to your CSS during build process.

Tail Parcel use `postcss` to understand tailwind CSS

it enables you to extend & enhance default functionality of Tailwind CSS & integrate it smoothly into your project build process.