**CHAPTER 10 – Jo-Dikhta-Hai-Wo-Bikta-Hai-THEORY NOTES**

* Explore all the ways of writing css.

Ans:-

* Creating CSS file
* Inline Styling in html file or in JSX by creating CSS custom object
* SCSS/LESS/SASS
* Libraries like Material UI, Base UI, Ant UI,Chakra UI
* Styled components
* How do we configure tailwind?

Ans:-

You have to configure according to your framework requirement.

Refer:- <https://tailwindcss.com/docs/installation/framework-guides>

* Npm install –D tailwind postcss
* Npx tailwind css - initializes our project to use tailwind and generates tailwind.config.js file in which you can change your file in its content array.
* Need to add .postcssrc file and add {

"plugins": {

"tailwindcss": {}

}

}

* Also, your bundler,node and every version of packages should be updated t latest version else Tailwind will be difficult to configure.
* In tailwind.config.js, what does all the keys mean (content, theme, extend, plugins)?

Ans:-

* content: The content section is where you configure the paths to all of your HTML templates, JS components, and any other files that contain Tailwind class names.
* theme: The theme section is where you define your color palette, fonts, type scale, border sizes, breakpoints — anything related to the visual design of your site.
* plugins: The plugins section allows you to register plugins with Tailwind that can be used to generate extra utilities, components, base styles, or custom variants.

module.exports = {

// ...

plugins: [

require('@tailwindcss/forms'),

require('@tailwindcss/aspect-ratio'),

require('@tailwindcss/typography'),

require('tailwindcss-children'),

],

}

* extend: For extending the default spacing scale, you can do by using the theme.extend.spacing section.

module.exports = {

theme: {

extend: {

spacing: {

'13': '3.25rem',

'15': '3.75rem',

'128': '32rem',

'144': '36rem',

}

}

}

}

* Why do we have .postcssrc file?

Ans:-

 PostCSS is a JavaScript tool that transforms your CSS code into an abstract syntax tree (AST) and then provides an API (application programming interface) for analyzing and modifying it using JavaScript plugins.

So our postcssrc file have tailwindcss plugin which means the css code transformation will also be done using tailwind plugin instead of just javascript plugin.