TAILWIND CSS

* Why should we use CSS Frameworks ?

- 1) To write optimised css
- 2) It saves time

* One way of writing CSS is the basic way!-

- D'We have an index. html file and conside ut

We give the link to index.css file:

Llink rel = "stylesheet" href = "index.css"/>

* Another Way is :- SCSS

Syntactically Awesome Style Sheets

At last 5088 is converted to 085 (basic). [Like JSX is htmltage at EDD].

The contract of the production of the same and the

* Third way of woiting css ls :- Inline css

| button style = { Btncss} > Search 2/buttor Const Btncss = { background-color: "red"; Da javasonipt object. <bulton style = { } background-color: "red",
33 > Search </button> * This is not the good way of writing CSS: (1) Difficult to maintain (2) cannot neuse 3 hard-coded. A) heavy job for browsers to processes inline es

Scanned with CamScanner

* Fowith way of writing css:	
	UI', 'chakra
- MUI is maintained by googl	L .
-Dnewer & faster way.	
the special section of the section o	
PROS & CONS of using CSS frameworks &	-librarils.
- Cu	of The way
asier to pickup to less ased in probing of roise	95-
17 Rapid development	
provides pre-built components	s www.dx.ld.a.
Responsiveness	Jint -
Consistent design	
Compatibility	
	Sanning Star
V Easy to use	
V Reusability	
Saves time () & so) of all mid.	1-1-
huild flexible UT (memis very much	-1 COM
my Bable).	

CONS X Bundle size - making ut heavy X Learning curve X Limited customization X Dependency management * Fifth way is: 'Styled-components' -> easier to pickup & less used in industry * Next way is :- TAILWIND CSS - Tailwind css is a open-source fromework.

CONFIGURATION	35]	. Net	d in	M. W.	-12:	- 1
				ı		

-D go to tailwindess.com/docs/installation

* Add CDN script to HTML:

< script STC = "https://cdn.tailwindcss.com" > </script;

When we use tailwindcss, it changes default behaviour of the tags. It removes basic styles.

* Everything in tailwind works with clarmame

Install tailwindcss

-D Write this command in terminal:-

npm install - D tailwindess pastess

* postess: - tool that transform css with Js.

— pused for compilation of these classes

winder with this;

by how is to

-t npx tailwindcss mit for to initialise tailwind un own project.

- Ne will get one file called "tailwind config. is module. exports = } content: []] What files will be using theme. { theme: { extend: {},

illustic in 3 is extend to the server of many of the taget of plugins: [] is extended. -> "postcssrc" file The need to tell bundler that "while you are building things up (while you're building der/prod build), we will be using tailwind cos. So, please compile it to normal coss. This is why we use postcssrc'file. V index. css file -> there would be no css inside this file. but these 3 lines. @tailmind base; @ tailwind components; atailmind utilities;

D Why we add the @tailwind' directives to index-css · to include tailwind's utility classes and apply the styles defined by tailvind to the HTML elements. +> Layer Seperation x9801 - bom' (3) * Tailwindess is organized cinto layers:obase 1908SI o components o utilities asset -* The @tailmind' directives help to include the styles from each layer in correct order. * Bose layer: includes styles like typograph box-sizing and resets. * Component layer: contains pre-designed components like buttons, cards etc. * Vtility layer: provide utility classes for common styles like spacing, positioning, color and more.

In vscode, use Tailwind CSS Intellisense" extension

Responsive Design

*There are 5 breakpoints by default.

minimum-width

* To add a utility, but only have it take effect at a certain breakpoint, all you need is to prefix the utility with breakpoint name