Day 1

Date: / /

Namaste React

Quest 1) Différence B/W Library & framework.

It takes minimum effort to just put it inside out code - library

= Toolso-

1) Google Chrome

2) VS Code

3) VS Code Extensions - Better Comments (Aaron Bond)

- Bracket Pair colorization (Dzhavat)

- ES7+ React/Redux -- (dsznajder)

- Gitlens - Git Supercharged (GitKraken)

- Prettier-Code formatter (prettier)

- VSCode-icons (VSCode icons Team)

=) Homecoork - Emmet

- Created a new element (h1) with the help of Javascript and append it to (div id = " noot") document. createElement() Stuff comes from Browser APIS / JS Engine. Browser Knows what is document

React =) A JS library used for building user interfaces & we can just inject React
into our code with bare minimum things/efforts.

> Homework - CDN (Content Delivery Networks)

-	injected React CDN links in our HTML files same as we do to use any other library.
	same as we do to use any other library.
9	Home work - crassorigin
	Sharpert Day Comment of the comment
_	Shortest Program of JS - An Empty file Shortest Program of React -
	shortest rogram of Keart -
	(body)
The A	(div id = " = " > (di)
torsayat	(div id="boot") (Idiv)
feshione	LE STAFEN LE HONLING LA
Markedly	(script
Lotte	
Teaml	STC= "(neact.development.js) > (script)
	7 (/script)
	(script
	Crossorigin
	> (script) "Sreact-dom development is)
	>(/script)
	Poset in the state of the state
	React is just not limited to Browsers. React
	also works on App Dev. etc.
	first file is core library of part
20090	first file is core library of React. Second file is exeb version of React.
1/offerts	Prist marine than VIII has no class
	like for mendering & abolating
	like for mendering & updating the DOM stuff

Date: / /

React can exist without Typescript, JSX, Redux - We can achieve the same thing as usedid using Js.) React create Element () can take 3 Arguments. Tag we are going to create - Type

3 what you need to put inside the Tag-children Const (heading = React create Element ("h1", 24, "Hello") This is not a <h1) Tag. It's a React Element (object) Const soot = React DOM. create Root (document: get Element By Id
("doot")); Creating a HTML Div as a React Root Element. groot grender (heading) and modify DOM. Beauty of React is you can add React to your existing projects Also. Suppose if you a sig search but you want can do that just make search but as the groot you can just make header, forter or anything as nort and use React inside it.

We can wrote (null) also instead of & 3 Date: / / We generally have one root element in React. React create Element (h1' (& 3) (Hello) Children are optional and we can pass as many as needed Properties of the object like className, id, Eventhandlers and style etc. (All Tag Afforbutes) React create Element (React create Element ('h1',

{ class Name: 'greeting'},

Hello', children '. welcome', 'welcome', (h) className="greeting") Hells (i) "Mr." (/i). welcome =) groot gender () React will overside everything what is these existing inside your Root. React will Replace it with with whatever you give inside sender.

=) (div id = "boot") Not Rendoed (Idiv) In generally practice we write Not Rendered inside root BCZ if any time in your app if you see Not Rendered that means most is not configured properly and React is not able to modify stuff inside Root. Suppose if I mistype the name of Id away React DOM. create Root (document.get Element By Id ('roott')); then nort element will not be created/updated. Le we see Not Rendered Links then abviously well get errors. Homework > Async & DEFER Writing the script Tags in Different orders matter. Const container = React create Element ('div', Lid: 'container's,

Eso [heading1, heading2]
); when we have pass multiple children we pass it as an array.

React came up with writing HTML/CSS inside Javascript so that you don't have to go to HTML file again.

But React. create Element () is so complex for big projects & not user friendly. That's copy Jox came in picture.

in Different files.

Cut the whole JS code and paste it
to Alpijs and link it to index. html
we can also make index. css and
link it to Index. html in Chead

We saw Diff. CDN links in Reactising.

2 for Development

2 for production

productions files contains similar code as

Development files. But These are minified
files and much more optimized for production
use. (less file size)

But we never inject our code like this
using CDN for production.