ACC.	
	Episode-5 Let's Get Hooked
	Always heep your Appijs clean.
	Try to keep as less no of lines of Code in App.js
	Best Practice in industry is:
Francisco Company	reate a Separate for each Separate Component
	file structure:
	File structure: - Create a Src, which contains all your frontend Code. - Create a Component folder, which contains all the Components inside your and
	- Create a Component tolder which contains all the
	Components inside your app
	File naming for Component: Try to give the same for the File & Component
	- Try to use Ist letter Capital while
	naming a Component & file
	file name extensions: .js & .jsx
1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1)	- Both are Same, you can use any extension
	- It will give error
	When You Create a Separate file, you need exports that file
	L'export default ComponentNume;
	2 import in main index. is / App. is file
	import Component Name From "./src/path/comp"
	- impart & and export name mention
	must be same. The exact The name you are exporting path of
	The Same name you need to Conforcit

Whenever you have hard coded data, never ever keepit in Component file. Also, never ever use a hard coded string in your Component file -Harded Code Keep in Separate Folder eq: utilis folder [common utilis] 14 config.js / data-js/utilisjs etc - Also it's a good hobit to name your constant is 1 common is 1 constant in Capital URL There are 2 types of Import & Export - Nomed Import | Named Export - default Import / default Export · Default Export: export default ComponentName; of Syntax] L. In default export you can export only one module at a time.

Multiple dexport is not possible in these case. Hence Multiple Export is possible using Named Export */ Named Export: export const CDN-URL = " " export const LOGO_URL = Just by cositing the export keyword before the Variable is named export with Named Export you export multiple things from the Same file · Default Import : import Header from ". / components/Header"; · Named Import: used to Import only Named export -> Named Import import Named Export. use 23 in Named Import to import [Syntax] Named exports import { con. URL3 from ".. /utilis (constants"; import & LOGO_URL'y from "... lutilis | constants"; Event Handling: React Hooks: - Are normal Is for at the end of the day Click events - Normal JS utility by on (lick = { () > { } } useEffect() La Takes Callback ton in Input use State() There are many browser events of Whenever a React such as : - on Click, on Blur,

Two Vimp React Hook: Cused Maximum To use use State() Hook ... import it first state variable updates, react Import EuseState from "react" used to create state Vomable. Re-renders the

lomponent. useState Syntax

-maintains the state of

const [title selTitle]: use State (Input . Value)

Filtral Volue/
Jefquit value

Component

In React.

on Move Over, on Change, ex

You can update OI using states

callback for

props: props are nothing but Properties. In propes we are changing data dynamically . Very Important Por Dala handling . In HTML you create himlelement and assign attribute to each elements Similarly, here 31 In React you create custom himl element (Jsx) and assign props to each element Event handling in react is done with the help of props. You can update Ut using states in Reac Props are also used For data handling. onclick = & function Named - In JS we add Eventlistener with the help of (Prefer) to for is called only when you client, even when code is evaluated this for, which is Imperative based opproach ou need to define jetch element everything Onclick = & function Name ()4 - But onclick props is declarative approach. th is always called without - Event handling in React

- Event handling in React clicking on it, when the code is evaluted 'or Key Word such as -> onclick, on blur etc React will Render you DOM Single time [Only one time] - React updades OI with the help of States - with the help of states you change the Variable Value & update on UI Variable Value & update on UI

Without state, if — In order to change your new vanuable

You are trying to value and update on UI, by

Changing the vaniable

value, it will not book. - If you want to use ustate in Code, then first import it by .-> import fuseState 3 from 'read'; UseState is a React Hook

> React Hook is a Wility for - States are Initiate value / Current Value changing Syntax:
const [title, set Title] = use State (Input Natur) Per Coupon ent basis. output supported Value of Vonoble (1)
returns a by by by updating the Value(2) destructuring clid hardkel 24 (SILTIME: 'AGCOE')

Reconciliation Algorithm, also known as (React Fiber) - Virtual Dom is nothing but a JS Object (nested Obj) - React Renders - Virtual Dom is not on Actual Dom or very test - Virtual Doth is representation of Actual Dom Diff Algorithm: It finds out the different beth previous Virtual Dors & updated Virtual Dom new Virtual bom old Virtual Born - And After finding the difference, it will collaborate the Adual different & - Update the exact Virtual Dom on Every render Cycle [- React can Efficiently frindout the difference beth Virtual Dom, & update the UI Whenever there is a charge in the state variable, React will find out the diff between the Virtual Dom and it will re-render the component. It will update the Dom. Hence, that's why React is faster - [Efficient Dem Manipulation] [becoz of Virtual Dom] For more rate: https://github.com/acdlite/react-fiber-architecture