

React Basics - 1

HTML → skeleton

CSS → styling

JS → Behaviors / functionality

React :- JS library for building UI.

JS

→ imperative approach



detailed code

React

→ Declarative approach



what we want

* SPA → (Single page application)

React is all about Component

Reusable piece of code

not mandatory

why React → component - Based architecture

→ Reusability

→ DRY

→ Separation of concern

→ Read

- * dependencies and version listed in package.json
 - ↳ react and react-dom → is nesting actual library.
- * index.js → starts page execution when page is loaded.
- * App.js → first component
- * index.css → index.js file like configuration part hui hui
- * index.html
- * JSX → Javascript ~~xml~~ format. it allow us to write html in React. it makes it easier to write and add html in React
- * NPM Start :- Convert equivalent JS Code which is written in react code.

⇒ To use our written code we have to import that file first in app.js.

↳ Import './ — — — —';

and in ifth also

<Item><Item>

⇒ Using CSS we have to import in JS file.
→ item.css Import, Item.js

* agar mujhe koi component Create karna hai
to me ek JS file create karta hu
Jiske ander ek function hota hai
agar me us fⁿ ko kisi os file me
use karna chahta hu to me us
fⁿ ko export karta hu same file ke
ander or jaha par use karna chahta
hu waha par usko import karta hu
Jo bhi mene fⁿ create kiya us component
ke liye wo fⁿ koi HTML code return
kar Saha hota hai, wo asliyaat me
HTML Code nhi hota aro ek JSX
Code hota hai, us JSX code ko
hum Sanjh Sakte hai Browser nahi.
to usko Browser Sanjh paye to usko Convert
kaena padega Browser friendly code ke
ander Convert kaene ka Rooom NPM
Start karta hai.

⇒ We will use ClassName instead of class in
HTML because in JS the class is reserved
Keyword

Time-Stamp → 1:32:00 → Imp also

↓
for using value ⇒ { } ?

⇒ Hard Coding hata ke dynamically change
kernne ka tareeka data chal gaya
But data same hi aya hai.
reusability ke lie hum use karenge
PROPS → properties.

Props.children :-

* agar hum apne component ke ander
kuch Content dalna chahte haj
to dal sakte hoi but wo visible
nahi hoga for making visible
we have to use (props.children).

* agar hum chahte hoi ki Sab apni
CSS property retain kare to humne
karna padega

* why do we use props :- sending data

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* for using Props : we have to write props
in in parameters ~~which~~ in component
which we made.

eg :- `function Item (Props) {
 const itemName = "Props.Name";
}`

* onclick :- it is an event that declares

onclick :- is an event
that declares when something
anything is clicked.

onchange :- is an event
that declares when an
input is changed.