1. INTRO TO REACT Agenda: Hello World -HTML, JS Ingest/Use React using CDN' & cocete 'Helloword'. (2) 3 (rear an element 6\$1an> -- <18an> (4) Creat nested element dav> 4> ... < 19>' (5) Use root render 6 Functional Component (7) JSX -> JavaScrigt +xM2 (3) HOW to read JSX (Babel) Advantages of JSX. (9) Ways to get RESET in your code () CON Links (NOW) 12) Paeleage mongers (Build 60015) (Lotes)

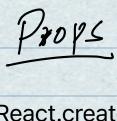
lout con

React Dom con

Recet: Provide framework for creating Components,
manage them fit defines the someture of
behaviour of components.

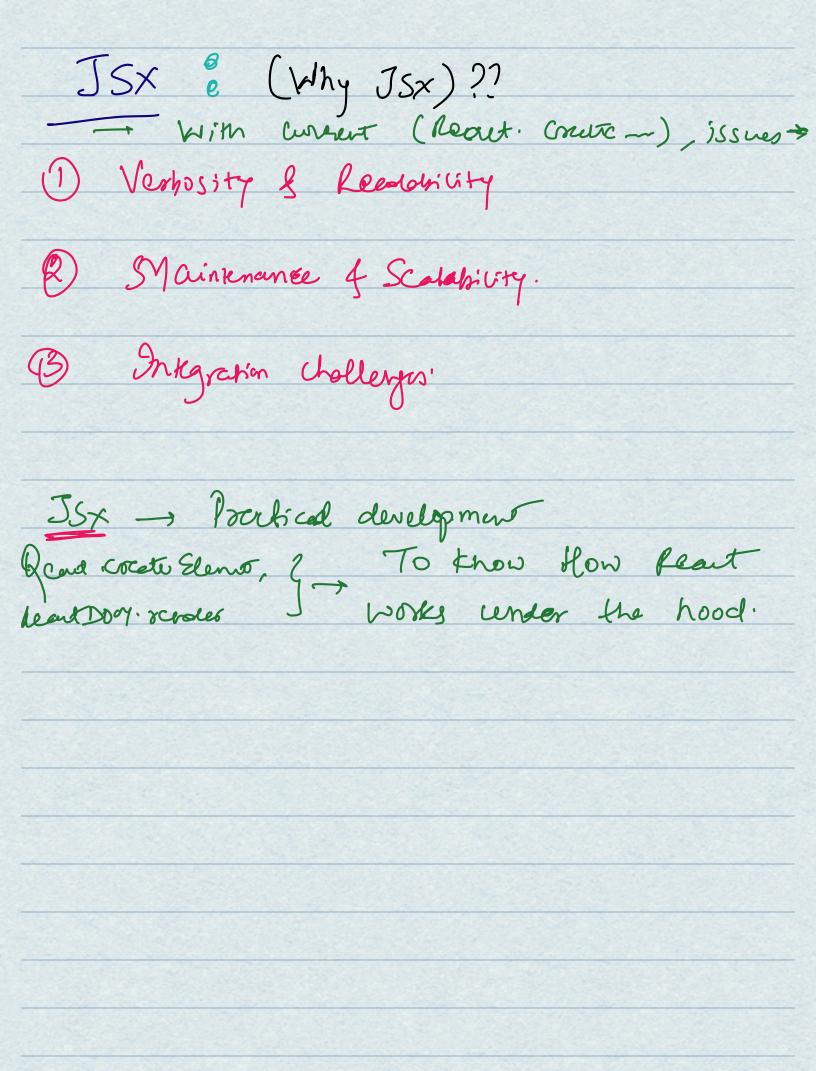
React-DOM: Handles rendering of least Comporant to the DOM, making it visible to the browser.

Manages reptates to DOM when React makes Changes.

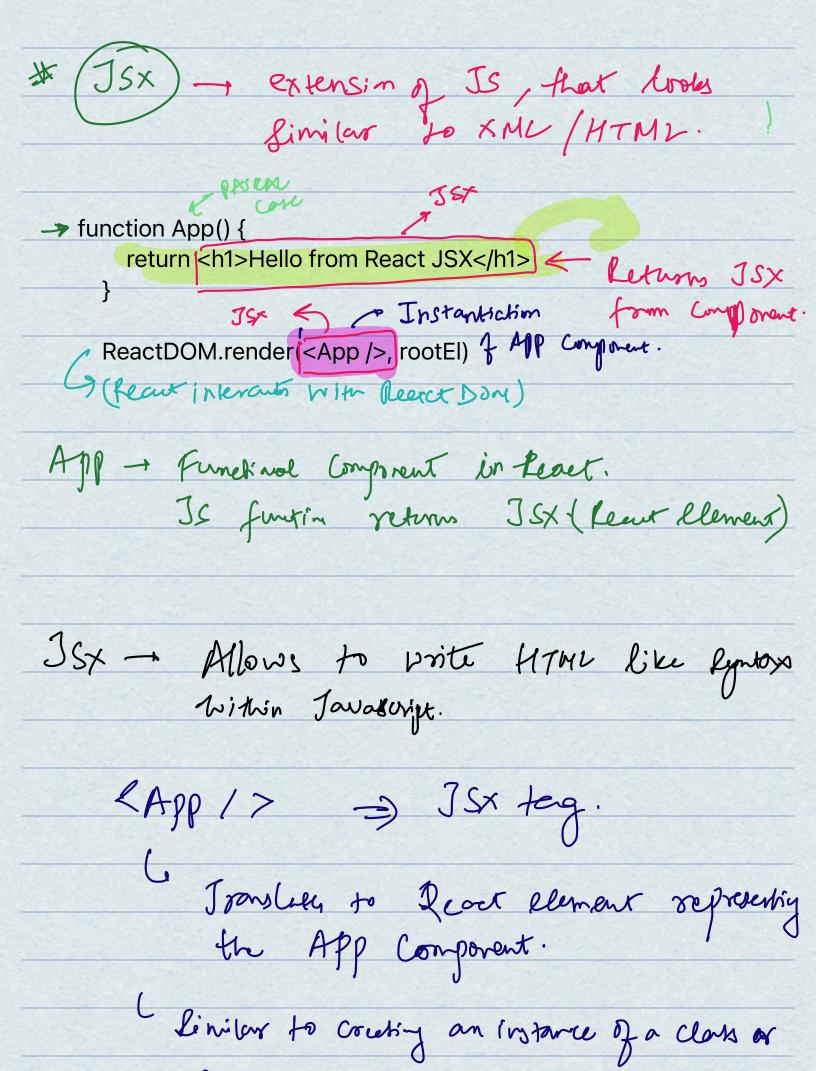


React.createElement('h1', null, 'Hello from React'); props to pass any attribution one component to other. Second Argunt
used for property

nt(th) (props) const heading = React.createElement('h1', { style: {color: 'blue'} }, 'Hello from React');



JSX & Components A House [Entire Appliation] Component => independent piece of UI. Is finction =) ellements to slow on screen. of depresentation of the second 1) Class Components Functina Component Exknds Reaut. Component, Simple JS functions that restume JSX. Can have Complex logic, léfegle methods of State management



Calling the function.
Phyonser -> HTMV /CSS/JS
Jonet T'BABEL' Long Jul JSX
I done purt
und 5 5t.
Babel => JS compiler that transforms syntax.
Tradaka
TRANSPILER Translates Compiler
Caregri (4)
furtion App () { React. create Elemet (reprint < h1> Hello < h2> h1², null, Hello 4 4
sepon <h1> Helio <h2> "h1", null, "Helio"</h2></h1>
2
This transformation makes JSX fyntaxo Whoble in browsers that only understand Janascoriet.
Woble in browcen that me, undersand
Janascoriet.

(1) RScript type = 'test/basel' 7 L Allowed to work JS & JSX directly in Owo HTML fres.
L Allowed to worth JS & JSX directly in
Plus 4 TMI. LYEN:
Deed Babel to Convex JSX into Least colls.
ADVANTAGES of JSX:
- Familias gyntex Ce Hau like gyntax
Ce Hour like fyntax
Within Is files, allows to write HTML.
- Leadability
- Leodobility Leosier to develop Components.
Jan
- Component Structure
- Much like HTM like layout
- much like HTM like layout

- Efficieny in development

fear fact Dom Component JSX Babel best is It Library & Framework React - View layer L'orang Angular.

Thorre is with days.

P No flo.

All the · All the things insult API/Data Le All Capobilites are present View/UI Events

Stare, prys, Build tools.