"Key should be On Parent Jsx" while using MAP.

Let's get Classy

functional Component

- A functional Component is just a plain Jamscript pure function.

 That accepts poops as an orguement and returns a Read clement (JSX)
- 2 There is no render method used in functional componencets.
- Functional components run from topto bottom and once the function is returned 9+ can't kept alive
- Afso known as Stateless component on they simply onept data and display them in some form, they are rowinly see possible for sendering UI.
- (e.g. component Did Moort)

 Can't be used Infunctional

 Components

Class Component

- (1) A class component requires you to extend from React Component and create a render function that returns a Read Stement
- (3) It must have the render (1)
 method returning JSX (which is
 syntatically similar to 11 Tmc)
- (3) The class component is instantiated and different life cycle method is kept aline and is run and invoked depending on the phase of the class component
- (9) Also known as Stateful Components because they 9 mplement logic and stak.
- (e.g Component Did Mount (1).

(6) Hooks can be easily used in functional components to make them stateful.
e.g.

const [name, (et Name) =
React. use State('')

Ant of

1

1

- (7) Constauctors are not used
- The sequires different Syntax

 In sale a class component to

 Implement howks.

 e.g.

 constructor (props)?

 Super (props);

 this. State = { home; "}
- (2) Constructor is used as 9+ needs to store state.

functional Component:

const User = ({ name }) => {

neturn (

do class Name = user-card">

ch2> Name : {name }< 1h2>

ch2> Name : Debradon < 1h2>

ch2> Location : Debradon < 1h2>

ch4> Contact : Debradon < 1h4>

ch4>

```
Class Component

Class User Class extends React. Component ?

constructor (props)?

Super (props);

console. log (props);

render ()?

sender ()?

setuen (

const { name, location } = this. props!

setuen (

colo class Name = "user-card" >

ch2 > Name : { name } < lh2>
```

ch2 > Name : \(\text{name } \) < \(\lambda \) \(\text{ch2} \) \(\text{ch2} \) \(\text{Name} \) : \(\text{Name} \) \(\text{Name

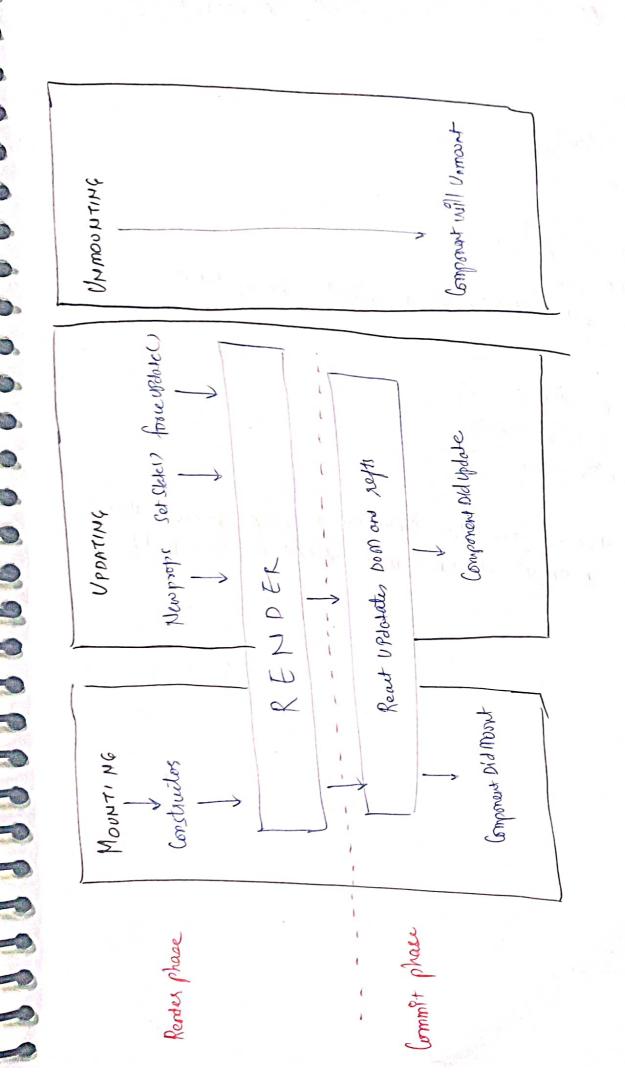
Way of paving the data through props is some, vary of augiting is different of whatianal and Class Component.

Creating State Variables in Class based Component class Useq Class extends Report. Component & Constructor (porps) & a big Shiret which Arres all clar uniones Suber (Leadin)! - His. state = 5 bestphe count :0, Count: 21 Updale State Variable directly e.g MACI this state count = this state count +1; me anuse this anywhere inside does, Instead we use His. ret Clase ({ court: this states court +1, I Rear will only update the the stak variable Writter have and 12911 not touch any other state variable lifetyte of class based Component? whenever class broad component first Construitor carled render called after that ten Berdses mounted their component old mount called. Parent Come touclos Parent Render Learn More from Mores of Akshay Saini Child Composed Did mount

Parent Component Did mount

We did API call inside Component-Did Mount () because first we sender the basic structured component their makes API call. Constructor Render Congressed of moint - 5 Do OPI case - Here Re yarder the component withdays Ho life Cycle of Muliple Childs. Parent Constructor Render phase is fast only Commit phase takes line, Parent Render - Gret UPU Constructor - Prist child Render - Second chold Constructor - Second Child Render .. Dom manipulation is < DOM UPDATED-9n single Batch> most expensive. - First dild Component Did Mount - Second child Component Oid Mount - Parent Component Dip Moont. For Effective Dom Manipulation first Render phase for all child they Dom updated in a single time and they Component Did Mount will happen for on the wild.

Same for Any no. of dild.



How to Muke API Care In Class Russed Component

MOUNTING

Constructor (dammy)

Render (dummy)

Composent 050 poont

ethis set stated state variable is updated.

--- UPDATE

render Arzdola)

CHIML (NEW API dala>)

Component Did ordate.

Skipped last 45 mins See before Interview or skip because that much Into is enough if need more deepdive then worth.