State in React -> Declarative vs Imperative Programming.

> User Interface = f(state)

[i.e a function of state]

State Changes with changing needs with Ever interface.

To state goes into toue state user interfore will be diff. 7 41

To state gous into felse state user in 2 11 - Joe

Declaritive > UI dependent on state.

Imperitive is what we have been doing. .. we tell the UI to do exactly what we want, not change with state.

g:- eare-1 Usu login

The already see

if wer ix logged in

(pr) not & show eitter

Hello (or) Login screen

Based on state (True 60)

false)

Case - 2

We ask user if he hd

already Logged in coss not

a bored on his reply, give

him the site.

Target specific element

ommonly used hook is essestate & we are going to

3 react Hooks - Use State. 1) (when we press what we making making wing Onclick. i.e to do something when Lutton is clished. " for they to happen we have to re-render our recubor. Howy & Place Reach. Some inside the for & in uncel place ... making ik se-render. a But it is inefficient. 2nd way - soe the hooks. -> use me nooks. on App() {

confk state 1 = React. we state (); -> (inital value, fn). n function App() (What needed if you comport fundtaley. 7 To call the states of State [0] can be used, but to make our code better we will call the state after destructioning the array. ______ tout rgb = [9,132,227] then call = rgb[0], rgb[1], etc., (00) const [sed, green, blue] = [9,132,227] shin cell & blue, green, etc. becomes const [court, change Court] = Read Use State (24); E function dosomething () & (an we more than one change count (what to do with count, Eg: - went +1);

[29] Javaseript ES6 Object and Array Destructling.
A Good practice to console log after importing to see if & how it imposted.
const [cett, dog1] = animals; Limposted. Cest 1, dog 1 can same as = var cat1 = animals[0]; be named var dog1 = animals[1]; any thing
You can also destructure objecte cut here)
console log (sound 1); There to match the properties in
Equivalent of animal [0]. name."
You can contornize obj naming i-e vas names don't make seve
const of name; cal Alame, sound: cal Sound y = cat; console.log (cat Sound); Name and in dotaset.
Used when the mome 2 "fluffy", sound 2 "Puror "3 = cat; will frint this as default if nothing is protect in dataset All names have in 77's place.
blank components blank components for nerted components of const frame, sound, feeding: food, watery const frame, sound, feeding: food, watery comple.log(food).

- A fruit handling means changing the state of an obj.
- An event can be a click, hover or any thing else.
- an event occurs should be written in wooks.
- 3. .. By wainy hooks and hem elements/Admitutes like on Click we can handle events. I good chellenge in this videoalso]

(3) React forms

- 1 we will always be cocating forms for registration, for contacts (08) for signing in.
- o let 2s see hendling forms then.
- " like button onelinek
 Input soncheage (i.e when something is typed)
- D' Can get value, placeholder & type in console log.
- *Can study controlled component from React documentation.
- 2) 2 change thengs on click you can use 2 const (vecstales ver).
- 2 4forms component in html implements code & quickly regreshed the (1form) form, this is it's default behaviour.

Can use it, but use present défault (); to stop from répresting.

33)	Clau	Components	vs	functional	Components
	Cerry				

& Hooks vs classes and why blance are below replaced by

Hooks introduced in 2018. Forer had to covert in to class comp.

" Cleaner & les repetitive code. Easier to manage state.

2 class & hooks can be used side by side (i) absolutely necessary).

(Synthetic Rung (34) Changing Complex State.

ane change at a Jime.

I Explained using concept of forms.

General procedure

function App () }

const [frame, set frame] : use state (" ");

(event & consider of use seifname in for to change it (like a onchange, onclick) as paranor! Use seifname in for to change it (like a onchange, onclick)

3) Use frame in (setum-shtml) -

If we are using more than one then either we declare that again I.e have 2 600 mose what & set 2 fres & then we then.

const [{Name, selfblame] = Use state (" traine", " ename");

E only have only for.

Us but inside this another for (07) if & else should be used

to hendle diff var.

35) Java Script ESG Sprend Operator.
n used to reduce & simpility code.
)> spread operator. 3 combining 2 arrays,
const fruits ["Apple", "Benome", vegetables]; Can be appended. position.
, This operator (similarly) can be used for objects as well.
of the 70 we arrayneme declared inside other for in arrow
[keyneme]: valued, keeg.
36) Manging a Component Tree.