FINDING THE PATH

Use Effect

* If the dependency away => welffect is called on Every Render.

* If dependency array is empty = [] > use Effect is called on

Initial render (just once)

* If dependency away is [bln Nome Reard] => cooled overytime btrilameRead is yelded.

e.gous Effect (U) f fetch Dob U', }:

Dusc Effect & (U) => 5 feedbala(); 3, [];

{ only collower for its mandating?

(3) use Effect (1) => {

ferch Doto)

3, [btn Nambeaut]);

Use State:

A Never create love use state Component Outsidue your book function Component

* Atway by to call use state on top of functional Component.

* Never Croak use State Posside y- Else, for-loop, function.

of State Variables are meant to be related incide the fonctional Component on the higher level and no where else

```
rappe > to create boiler.
                                                      cade for functional
  Koute Pages
                                                        component.
* Use library react-outer-don
 Install Command: npm i seart-voutez-dom
  Whenever function start from use, 9+ is hook
 Marie la create Route Pages first We usate Browser Racker.
 * It stores the current location in the bowser's address box
    using clean uper and navigates using the boowser's built in-history
 I There are other sader are also present but prefer
    Course Rowler.
    const. appRouter = create Browser Router ([
            element: < Applayout />,
            path: "/about",
             element; < About />
          刀);
    Now we render app Rouble way Router Provider.
       voot. render (< Router Bruider router = { appRouter } /> };
                       this also need to impost
      împost { create Browser Rowler, Rowler Provider, } from .....
```

We can also hardle Error using hort Named as Else RadeError}

Use Roukforor

The use Route Error hork returns an object With following properties!

- * error: The current error object, or null if there is no error.
- # is Error: A Gordean indicating whether or not there is an Error
 - + message: The error message, or undefined if these is no error.

We need to impost it from react-souter-dom.

How to Greate Children Routes

```
ionst app Rowles = create Browner Raiter ([

poth: "/",
children: [

poth: "/",
clement: < Body/>,
},

poth: "/about",
clement: < About/>,
clement: < Confact ",
element: < Confact />,
element: < Confact /
elemen
```

```
How to keep Header Infact:
```

Todo this we can use "seart - sowler-dom" to Impost 'Outlet

impost & create Browser Router, Router Browler, Outlet & from

"reart-souter-dom";

It also us to render child content forcide of our parent component. This is perfect when we have a parent container, such as our whole Application, when we have alements we want to have present at all fime, such as header and a forter.

comet Apployout = () => {

return (

<a'v class Name = "app" >

<header/>
<col>
conet Apployout = () => {

return (

<a'v class Name = "app" >

<header/>
<a'v class Name = "app" >

<a'v class Name = "ap

Note:
When you are using React and you count to Rowse some
office page never use a anchor tag <a>.

Other page never use a anchor tag <a>.

It is because if we click on link our whole page will be Refreshed.

In React, we can navigate to route pages w/o reloading whole page.

To do this, we can use link component.	
S 1804 & from wait - 800902 and	
This link component works exactly some as anchor tag	
<0i>< Cink to="/confact"> Confact Us 19nk	
Cink is super powerful component which react provide us it just estructed the component, not reloads the whole page, that is why our React application known as single page applications. One page only components are getting interchange	118
Ink is superformed the component, not reloads the	
whole page, that is why out the	d.
ATB JUDI CE STEEL OF O	
There are two-types of Routing In Web Apps. (1) Client Side Routing - Single Paye Appl" Andh	
1) Client Side Routing - Single Taye 1771	
(2) Server Side Routing Multipage offer	
for more leasur from NAes of Akshay Soini Episode 5.	
Dynamic Routing dynamic poth.	<i>y</i>
Poth: "{ restaurante/: resId", shows after that it is dynamically element: < rectaurant Menu/>	nv' e
element: < Rectaurant Menu/>	
}	

•

If You find Difficulty in withing Mapfuntion,
then first write the values to manually.

e.f.

? i tem Cards [o). card? info?. name }
 i tem Cards [i). card? info?. name }
? i tem Cards [i]. card? info?. name }
? i tem Cards [z]. card? info?. name }

Now map function un'll by lary

Est Hem Card, To Map MOTTA & Sit El Hem Card in

The ST car? In fo? name to with &

{ [fem Caeds. map ((item) =) { item. casd. info. name})}

VSE PARAM

The use Params hook returns an object of key/value paies of the dynamic params from the wesenture that were matched by the < Route paths. Wild raile in herit all param from their parent routes.

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

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