React

oreact - crowteer - BOKA dom Li brany -> De Browsker Router as Router, Switch, Route, Link 3 impord From De. 'queact-quadre-dom'; path = "/" component = SHome 3 exact > < Route > # KRowto to = "/" > Home </Link> # <Link tailwind cas in index. Atril through com. # Adding class Name = "container mx-auto flox items-center" class Name = " justify - be tween" "py-4" -> y-axy padding
"W-1/2" -> 1/2 of width We can add CBS instead of failuring inside also file Navigation= () => S const const contstyle = & packground: 'Red', display: 'Flex'. a return (Znav style = & cartstyle 3> 7; 4 grid-cols-5 gap-24 gap b/w them. # guid # Ext-center

use Effect and Use State import & use State, useffect & from 'react'; To Atch data from AZZ somer (we will use browser Hooks - me can maintain state of application/component. components - peroducts: is onst [buoducts, set Products] = use State ([]); const Peroducts = () => & destauturing the con change mis allng that this is Real we Effect (() => & HOOK - according of dependencies y, [products]); when products will change then use Effect function will be called when the areas only one time)
it will now parent is mounted
often me companied is mounted mmediately So, nove ul can perfectly outer the fetching me sence

uson Effect

```
use (ffect (() ⇒ &
           fretch ('api/puoducts')
            · then (nesponse => nesponse. ison ())
             · then C products >> &
                     s'etProducts (products);
         3,[]);
                   = div className = "gerid - gerid-cols-5 my-8">
           netwn
                            products. map (paroduct =>
                                    < Product key = & product · _id 3

product = {broduct 3/>}
                       Peroduct · js
  In component in
        anst Product = (peops) => &

getting (

nue can use props. product. name or price - or

imeige
If we can concertencete string mits j's was string variable
         Enauble / Link to = & 1 products / $ & product - id 3 32
```

#	Ne	rull	make	single	page	for	rach	Perodi	ict
	70	forth use Par	uid cans	pevramete	f = ()	ne ⇒ &	is. In	built	
	Cadan.			se Effect fetch y, [] roturn // // // // // // // // //	(() ⇒ à 1 () api th_ poreams.	E/pero	ducts/s	Sparan	nsid3
	#	M TAI	const	notion		Chan	or ig	• -	tory-gobach

purducts. map (product > < Purduct key = 2 product. _ id 3 product = Sproduct y/> Here we are passing data from parent to child ruors child -> Peroduct je (Peroduct) Parcent - Products - is in this rue are adding import Product from ! Product from ! Product from ! Making Add to Cart Page Now we want the particular id of product from Powduct to Powduct j's (child to purent) rue viell centralise the data (CONTEXT API). We can shave the data to any component use want to. Here data is small we can use CONTEXT API. But me con do Redux. me mant Broduct Context data in Navigation? Recoducts Gage, Cost. < (aut Context - Brovider > 1 Products> 2 | Caret Content - Bravider > luduits: 15 const Products = () => & const framez = use Context (Cart Context); < h17 broducts & name 3 < / h1> juturen ((Stand Storage . Set Ither (Sugar)

ne click the Add Button in a penticular Revoduct. It will give mountain or that Product - is const Peroduct = (perops)=> & const & product = peops ; const add to Caret = (event, peroduct) > & console. log (pero luct); J. western C = button on Click = & (e) = & add To (aut (e, product) 374 making localstorage DB for Coul-Const [court , set Court] = we State (& 3) // Fetch cant from local storage const caut = nundow. localestorage.getItem ('Cart') welfect() => & when setCout (Jsop. parse (cort)) reloads it sum 3,[]); our data retiren C Lant Context. Providen value = 28 cant, 33> froducts lage 2/contractent buovider > Then we need to save the out is changing local storage. welfect (() → & mindo W. local Storage. Set Item ('cart', TSON-stringthy (cort)); y, [cont]);

```
luoduct · js
           & product 3 = props;
    const
            add To Court = (event, products) ⇒ 2
            event. prevent Default ();
             let -cevit = 2... cout 3 - add previous cout data
for the only first time who
             if (!-cout.items) &
                    _court.items = & 3
coud is whole
empty
               if (-caut.items [product - id]) &
ullien similar
                    -caut. items [product. - id] ==1;
product is
exut or not
                else & _cout.items [product._id] = 1;
                                                          Structure of Cart
                  if (1-cout total Items) &
                                                                   DB.
   Totalitem
                        -caut total Items = 0;
                                                     Const court = &
   in Cart
                                                         items: 5
                   _caut·total Items ±=1
                                                              18080-1:2
                 - set(aut (_caut);
                                                               18070:1:3
   saving
  the court Data
                                                          total Item = 5
   Changing the Navigation data to Cart
    total Atoms
      'mipout & Court Context & from '.. / Cart Context';
        Const Navigation = () > &
                const & carty = use Context (cart Context);
                 sectura C>
                          espan > & caret · total I tems 3 
                   2;
          Y
```