FETCHING THE DATE

1. fetch the url- fetch(url)

It return a promise

2.strore in a variable –let response = fetch(url)

It gives some response-( response will be in json format)

3. convert the json to js – let data=res.json()

4. before conversion it should wait for the previous response

so, We will make this asynchronous operation- with the help of async and await

async- will be prefix with a function- **async** function fetchapi(){ }

need to call fetchapi()

await- will be prefix where the process need to wait- let response = **await** fetch(url)

- let data=**await** res.json()

5. console the data –console.log(data)

Sometimes api doesnot response while fetching the data .-so we have to catch the error

we will use –try and catch block

try {

}

Catch (error){

Console.log (error )

}

6)after console , we will get the get data rendered multiple times

We will stop rerender – with the help of –useEffect

useEffect(()=>{ } ,[])- returns two parameter a function and dependency

we will use an empty array- to render only once

7)next we need to render the data in html

We have to target the data

We will use useState-let [data,setdata]=useState([])

Setdata( )

Some the data will be undefined- we will use ? for each data

To map the data- Data.map( )

Since the map method is js we will use –{ } -{ Data.map( ) }

Data.map((ele)=>(

<div >{ele.id }</div>