**React JS**

Invoking or consume Rest API in React JS

1st using **fetch()** function :

It support legacy concept.

Fetch doesn’t provide error handling concept properly.

Fetch function doesn’t provide appropriate http protocol method to handle rest api.

**npx create-react-app react-fetch-app**

cd react-fetch-app

open the project in VS code

**npm start**

2nd using **axios** tools : axios is a third party tool which internally use fetch concept to consume rest api. axios allow to handle all rest api method like get, post, put and delete.

**npx create-react-app react-axios-app**

cd react-fetch-app

**npm install axios**

open the project in VS code

**npm start**

**useEffect():** This hook it invoke whenever component loaded in DOM

which generally use to do side effect in that particular component.

mounting -🡪 loading component

update -🡪 whenever we do any changes in set function of state variable it re-render

unmounting -🡪 unload the component or remove the component from dom.

Syntax

useEffect(callback,[dependencies])

useEffect(()=> {

do some task whenever component get loaded…

this task perform only once.

})

useEffect(()=> {

do some task whenever component get loaded…

if any changes on state or props variable then useEffect function get called.

},[dependencies(state or props variable)])

3rd node js provided third party module is **json-server.** This module help us to run json file as duppy rest api. it is like a backend technologies.