npm install -g json-server

Insert, Delete, Update and Retrieve data in json file.

Json file running through node js external module as json-server

Rest API

Get : Get the resources : get employee, customer, account, orders or product details.

Select \* from employee;

Post : create the resource: employee details, customer details, product details, account details,

Signup account etc.

Insert into employee values(v1,v2,v3);

Put : update the resource : update employee salary using id, update product price and qty using pid

Etc

Update query

Delete : delete the resource : delete the record using empid, productid, accno, srno etc.

Delete query

To call those Rest API react js use axios third party library.

axios internally use fetch function to call rest api axios provided get, post, put and delete and these all method return type is promise.

So first run the employee.json file using command as

**json-server employees.json**

**create-react-app react-employee-crud-operation**

**cd react-employee-crud-operation**

**npm install axios**

literal style object creation

let emp = {id:100,name:”Ravi”,age:21};

JSON.parse() or JSON.stringfy();

useEffect():

useEffect is a type of hook provided by React Hook API. The core principle of this hook is to perform side effect in the function component.

The useEffect is a smooth combination of life cycle method part of class component ie

componentDidMount(), componentDidUpdate() and componentWillUnmount().

Syntax of useEffect hook is

useEffect(callback,[dependencies]);