**Web Service**

**Rest Full Web Service**

Web Service : Giving the Service for web application when two application running

Using different technologies.

Java req

HSBC XML/JSON RBI

Java python res Python

XML eXtensible markup language

JSON : JavaScript object notation

SOAP web Service we can share the data between two technologies only in the form of xml.

Rest full web service in Restfull web service we can consume and produce the data in any format base upon application requirements. Like json, xml, plain text, html etc.

In React JS we can consume the data develop in backend using any technologies

With help of

fetch()

axios

fetch(<https://dummyjson.com/products>”)

fetch is a pre defined part of JavaScript or javascript which help to call external rest api.

This method return type is promise.

Promise is a pre defined object which help handle asynchronous event of data.

Promise can be resolved or can be rejected.

To load the data from promise we need to use then() or catch() functions.

React with fetch concept with call fake rest api

Normal inline css in html

<div style=”background-color:red;font-size:25pt”>

</div>

Inline CSS in react js in JSX

<div style={{ backgroundColor:red;fontSize:25pt; }}>

</div>

Style.css

.divClass {

Set of property

}

Index.html

<html>

<head>

<link rel=”stylesheet” href=”style.css”/>

</head>

<body>

<div class=” divClass”>Welcome</div>

</body>

</html>

In Rest full web service

Get method : get the resources or data or entities.

We can search the entity base upon property like id, accno,cid

Using path param and query param

Select query

Post method : create the resource or entity or data.

Storing the data in database like

Insert query.

Put method : update the resource or entity

Update query

Delete method : delete the resource or entity

Delete query

npm install -g json-server