**Day 10: 13 April 2025**

Consuming rest api develop using any language or json-server db.json file in node js or express js application.

Using frontend technology

Html, css and JavaScript we can use fetch function. Fetch is a pre defined function with help of fetch we can consume any rest api.

If we want to use fetch() function features in node js we need to install external module as node-fetch

**Or**

In react js we use axios. Third party library. This third party library internally use fetch concept to consume rest api.

Axios we need to install in React JS as well as Node JS.

**npm install axios**

consume fake rest api in node js application using **axios**.

**Created the folder as consume product rest api using axios**

npm init -y package.json

**npm install axios**

app.js

let axios = require("axios");

let loadFakeData = async()=> {

let response = await axios.get("https://fakestoreapi.com/products")

let products = await response.data;

console.log(products);

}

loadFakeData();

creating rest api using express js module. Express js application communicate other rest api using axios to get the data.

Create the folder as

**express js consume other rest api using axios**

npm init -y

npm install express axios

Task for course 4 end project

Create the folder as

My-stock-app

Npm init -y package.json

Npm install express axios mongodb or mongoose

Load the resource details which help to develop the application

Like port number, database url, username, password, token id etc.

**.env**

Key=value format we need to store the data.

**PORT**=3000

To load the resource information from .env file we need to download another external module as

npm install **dotenv**

in app.js file

let dotenv = require(“dotevn”); MODULE LOADED

**doteven.config(); // LOADING CONFIGURATION DETAILS.**

node js provided one of the global object **process**

**process.env.PORT**

**process.env.MONGO\_DB\_URL**

creating simple express with **.env** file

create the folder express with env file

**npm install express dotenv**