LAB 5

Slide 18 Exercise 1 (Express servers on different ports)

Slide 36 Exercise 2 (Calculator app)

Slide 37 Exercise 3 (Calculator with routes)

Slide 42 Exercise 4 (Calculator with controllers)

Slide 54 Exercise 5 (Calculator with library & logging)

Slide 65 Exercise 6 (Calculator with Swagger)

Slide 65 Exercise 6 Part 2 - Rewrite mini-project in MVC

Create express server that’s running on 3000

Fetch in the routes

Controller

"use strict";

const axios = require("axios");

exports.getWeatherByLocation = async (req, res) => {

try {

// if(!req.query.lat || !req.query.long) {

// throw Error("Missing Lat and Long value");

// }

// let lat = req.query.lat;

// let long = req.query.long;

const options = {

method: "GET",

headers: {

"X-RapidAPI-Key": process.env.WEATHER\_API\_KEY\_VALUE,

"X-RapidAPI-Host": process.env.WEATHER\_API\_HOST,

},

};

// const weatherAPI = process.env.WEATHER\_API\_ENDPOINT + '?lat=' + lat + "&lng=" + long;

// const userPostAPI = process.env.USER\_POST\_API\_ENDPOINT;

const scoreBatAPI = process.env.SCOREBAT\_API\_ENDPOINT + "/?token=" + process.env.SCOREBAT\_API\_TOKEN;

const response = await axios.get(scoreBatAPI);

res.status(200);

res.json({ success: true, data: response.data.response });

} catch (e) {

res.status(400);

res.json({ success: false, message: e.message });

throw Error(e.message);

}

};

white_check_markeyesraised_hands

[10:56](https://dsiaustralia.slack.com/archives/C03LQRWJX1B/p1665568576493619)

server.js

require("dotenv").config();

const express = require("express");

const cors = require('cors')

const swaggerUI = require('swagger-ui-express');

const routes = require("./routers/router");

const app = express();

const port = process.env.PORT || 3000;

swaggerDocument = require('./swagger.json');

//Enable all cors for all request

app.use(cors())

app.use('/api-docs', swaggerUI.serve, swaggerUI.setup(swaggerDocument));

routes(app); //register the route

app.listen(port, (error) => {

if (!error) {

console.log(`Server is running on port ${port}`);

} else {

console.log("Error occurred", error);

}

});