in-memory-api/

├── server.js

├── package.json

const express = require('express');

const app = express();

const PORT = 3000;

// Middleware to parse JSON bodies

app.use(express.json());

// In-memory array to store data

let items = [];

// GET endpoint - returns all items

app.get('/items', (req, res) => {

res.json(items);

});

// POST endpoint - adds a new item

app.post('/items', (req, res) => {

const { name } = req.body;

if (!name) {

return res.status(400).json({ error: 'Name field is required' });

}

const newItem = {

id: items.length + 1,

name

};

items.push(newItem);

res.status(201).json(newItem);

});

// Start server

app.listen(PORT, () => {

console.log(`Server running at http://localhost:${PORT}`);

});

{

"name": "in-memory-api",

"version": "1.0.0",

"main": "server.js",

"scripts": {

"start": "node server.js"

},

"dependencies": {

"express": "^4.18.2"

}

}