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SECTION : SE 5-2
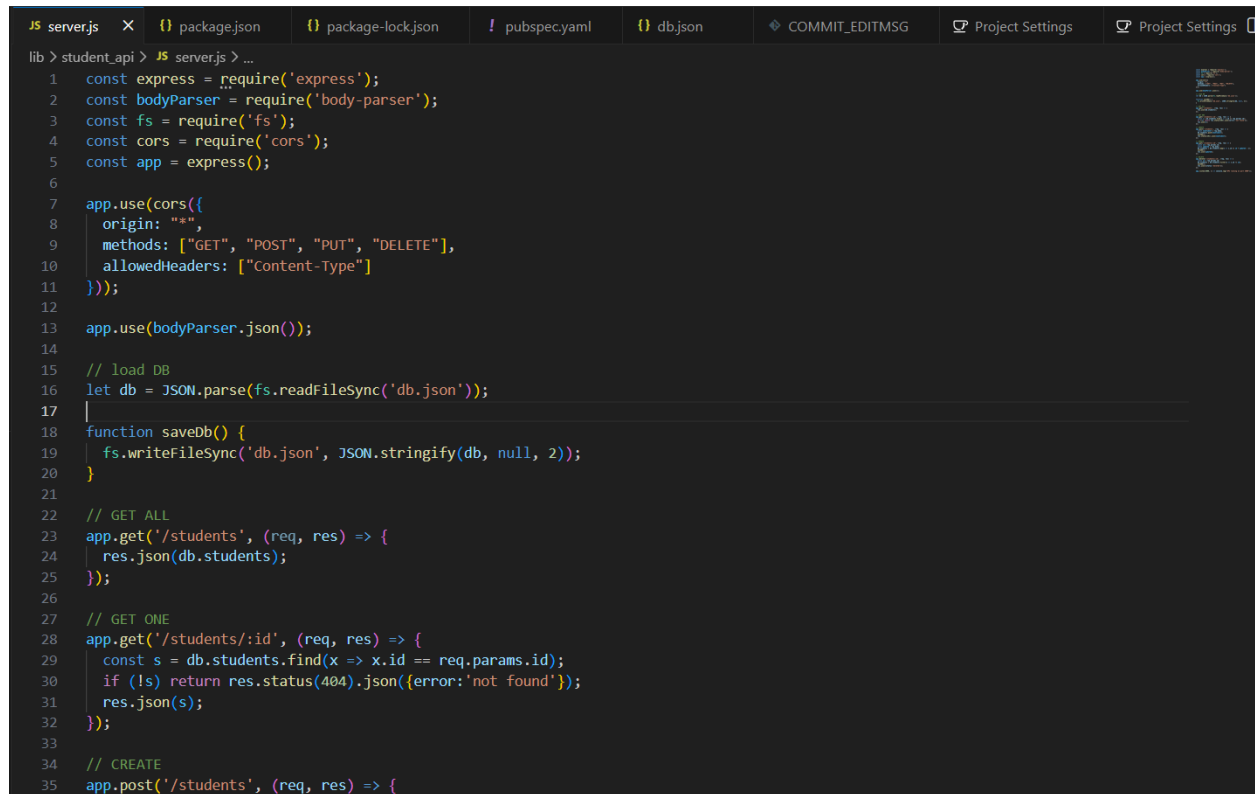
QUIZ : 04

GIT LINK :

https://github.com/Haseeb55859/Mobile-Application/tree/main/Assignment_04/quiz_04

SCREEN SHOTS :

```javascript
const express = require('express');
const bodyParser = require('body-parser');
const fs = require('fs');
const cors = require('cors');
const app = express();

app.use(cors({
  origin: "*",
  methods: ["GET", "POST", "PUT", "DELETE"],
  allowedHeaders: ["Content-Type"]
}));

app.use(bodyParser.json());

// load DB
let db = JSON.parse(fs.readFileSync('db.json'));

function saveDb() {
  fs.writeFileSync('db.json', JSON.stringify(db, null, 2));
}

// GET ALL
app.get('/students', (req, res) => {
  res.json(db.students);
});

// GET ONE
app.get('/students/:id', (req, res) => {
  const s = db.students.find(x => x.id == req.params.id);
  if (!s) return res.status(404).json({error:'not found'});
  res.json(s);
});

// CREATE
app.post('/students', (req, res) => {
```

```json
{
  "name": "student_api",
  "version": "1.0.0",
  "description": "",
  "main": "server.js",
  ▷Debug
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1",
    "start": "node server.js"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "body-parser": "^2.2.1",
    "cors": "^2.8.5",
    "express": "^5.2.1"
  }
}
```

```json
{
  "name": "student_api",
  "version": "1.0.0",
  "lockfileVersion": 3,
  "requires": true,
  "packages": {
    "": {
      "name": "student_api",
      "version": "1.0.0",
      "license": "ISC",
      "dependencies": {
        "body-parser": "^2.2.1",
        "cors": "^2.8.5",
        "express": "^5.2.1"
      }
    },
    "node_modules/accepts": {
      "version": "2.0.0",
      "resolved": "https://registry.npmjs.org/accepts/-/accepts-2.0.0.tgz",
      "integrity": "sha512-5cvg6CtKwfgdmVqY1WIiXKc3Q1bkRqGLi+2W/6ao+6Y7gu/RCwRu
      "license": "MIT",
      "dependencies": {
        "mime-types": "^3.0.0",
        "negotiator": "^1.0.0"
      },
      "engines": {
        "node": ">= 0.6"
      }
    },
    "node_modules/body-parser": {
      "version": "2.2.1",
      "resolved": "https://registry.npmjs.org/body-parser/-/body-parser-2.2.1.t
      "integrity": "sha512-nfDwkulwiZYQIGwxdy0RUmowMhKcFVcYXUU7m4QlKYim1rUtg83x
      "license": "MIT",
      "dependencies": {
        "bytes": "^3.1.2",
```

```yaml
name: quiz_04
description: "A new Flutter project."
publish_to: 'none'
version: 0.1.0

environment:
  sdk: ^3.5.4

dependencies:
  flutter:
    sdk: flutter
  http: ^0.13.5

dev_dependencies:
  flutter_test:
    sdk: flutter
  flutter_lints: ^4.0.0

flutter:
  uses-material-design: true
```