ExpressJS TypeScript

1) Clone the repository from: https://github.com/allsoftcolombia/EndavaDemo.git
2) In nodejs command prompt go to the folder of the repository
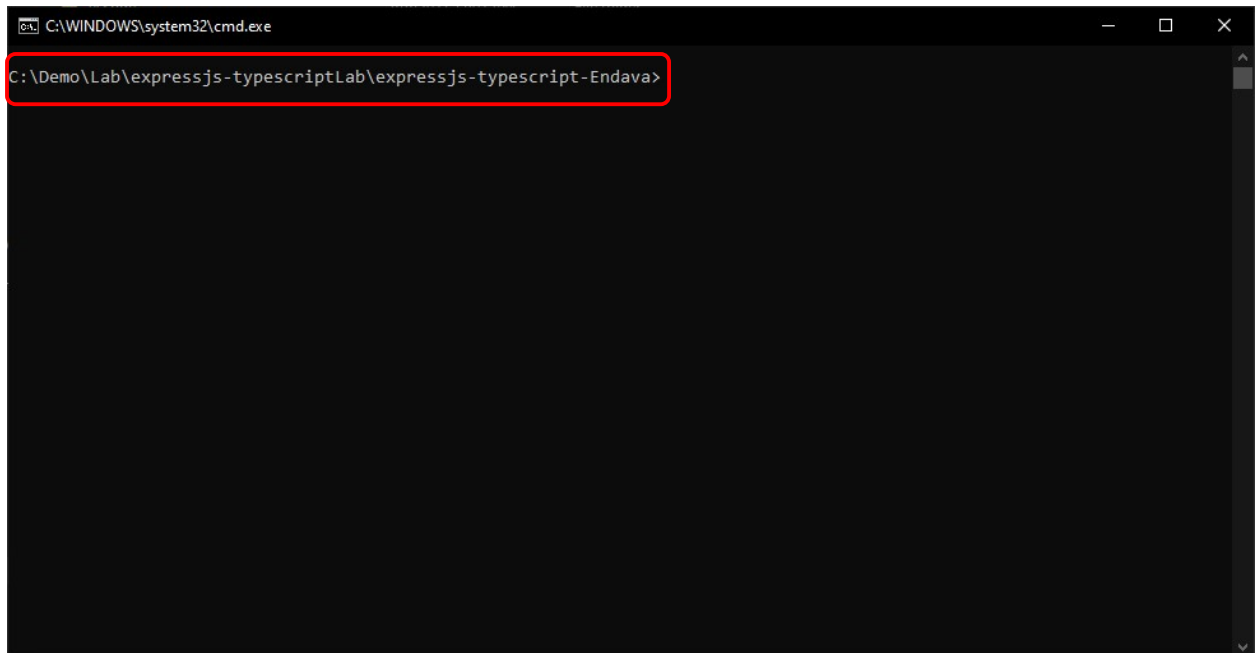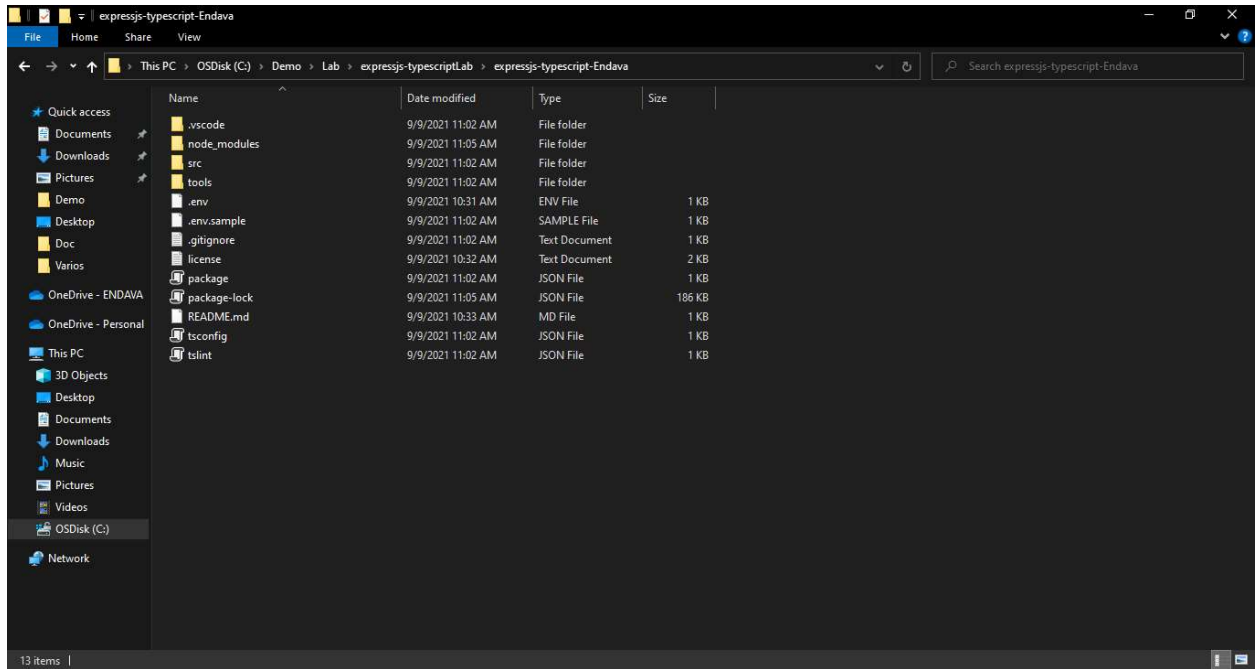
3) **Run the command** npm install

```
C:\WINDOWS\system32\cmd.exe                                                    —    □    ✕

C:\Demo\Lab\expressjs-typescriptLab\expressjs-typescript-Endava>npm install

up to date, audited 274 packages in 2s

23 packages are looking for funding
  run `npm fund` for details

5 vulnerabilities (1 low, 3 moderate, 1 high)

To address all issues, run:
  npm audit fix

Run `npm audit` for details.

C:\Demo\Lab\expressjs-typescriptLab\expressjs-typescript-Endava>
```
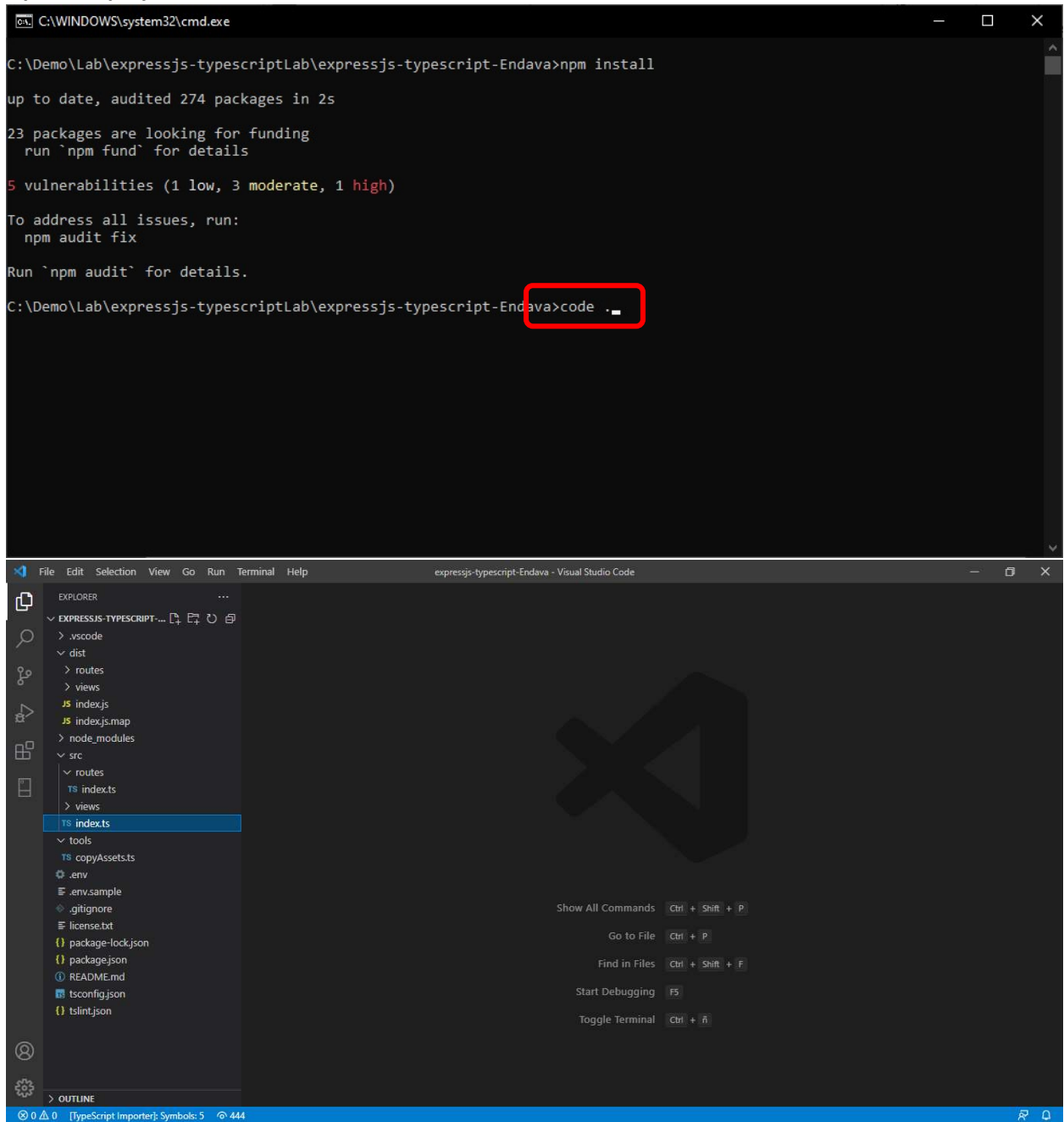
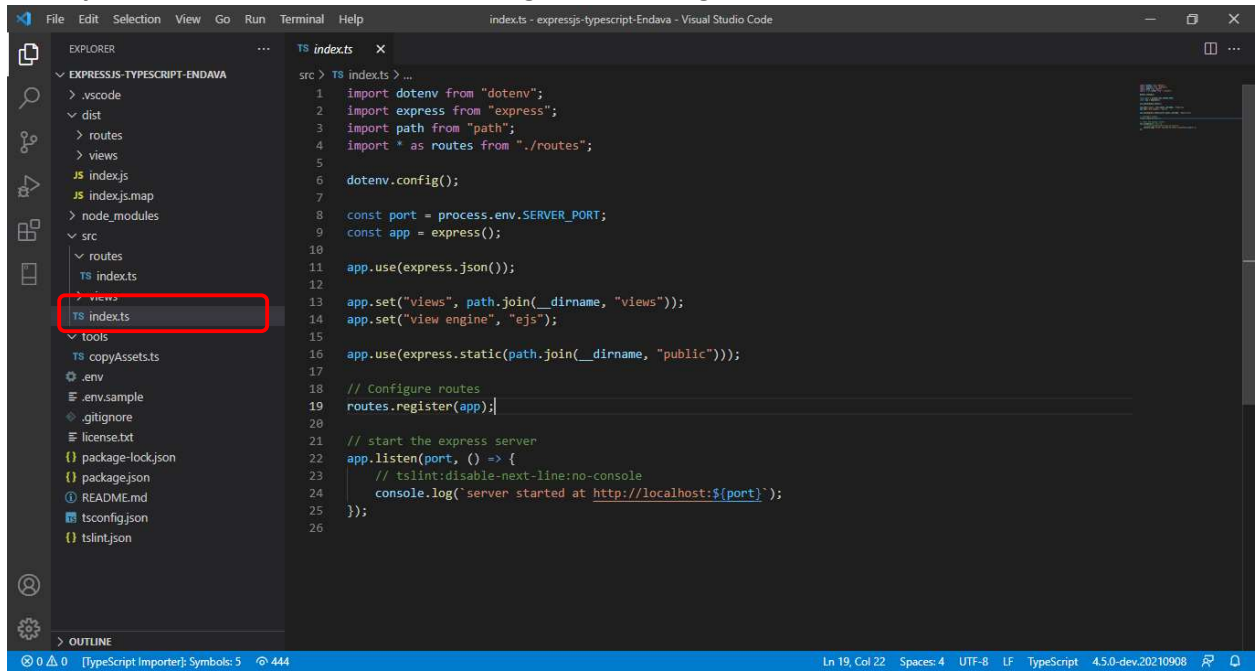**4) Open the project in VSCODE**

5) Modify the file named "Index.ts", according with the image
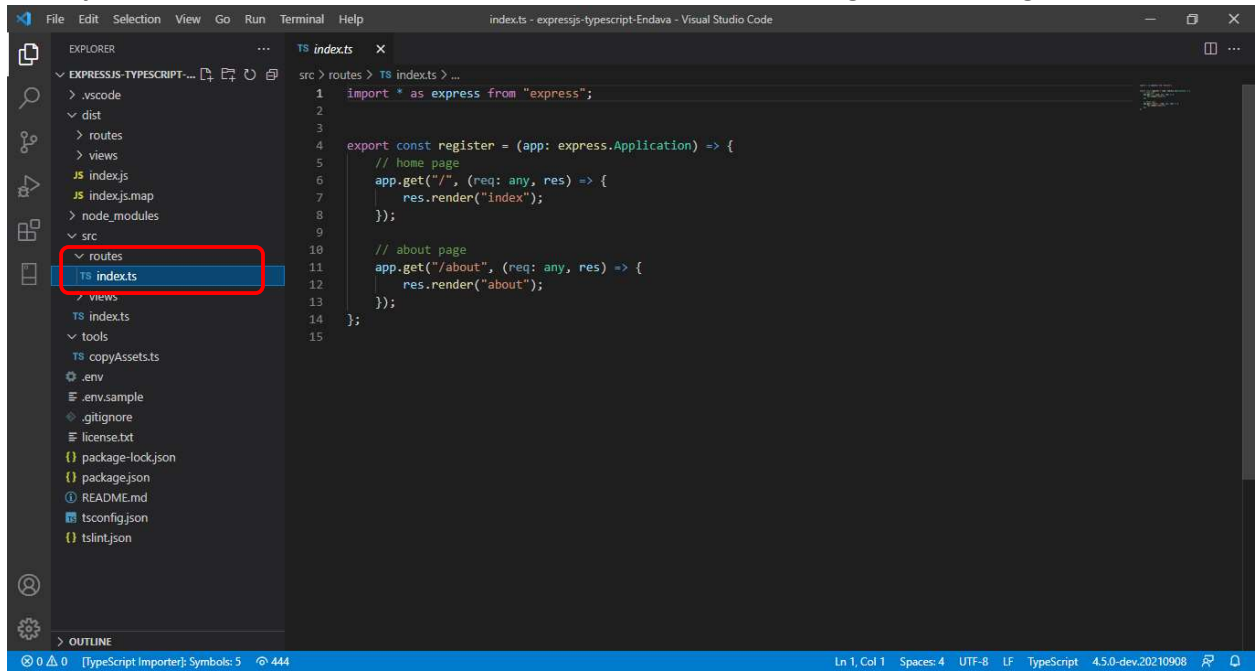

```typescript
import dotenv from "dotenv";
import express from "express";
import path from "path";
import * as routes from "./routes";

dotenv.config();

const port = process.env.SERVER_PORT;
const app = express();

app.use(express.json());

app.set("views", path.join(__dirname, "views"));
app.set("view engine", "ejs");

app.use(express.static(path.join(__dirname, "public")));

// Configure routes
routes.register(app);

// start the express server
app.listen(port, () => {
    // tslint:disable-next-line:no-console
    console.log(`server started at http://localhost:${port}`);
});
```

6) **Modify the file named "Index.ts", located in folder "routes", according with the image**
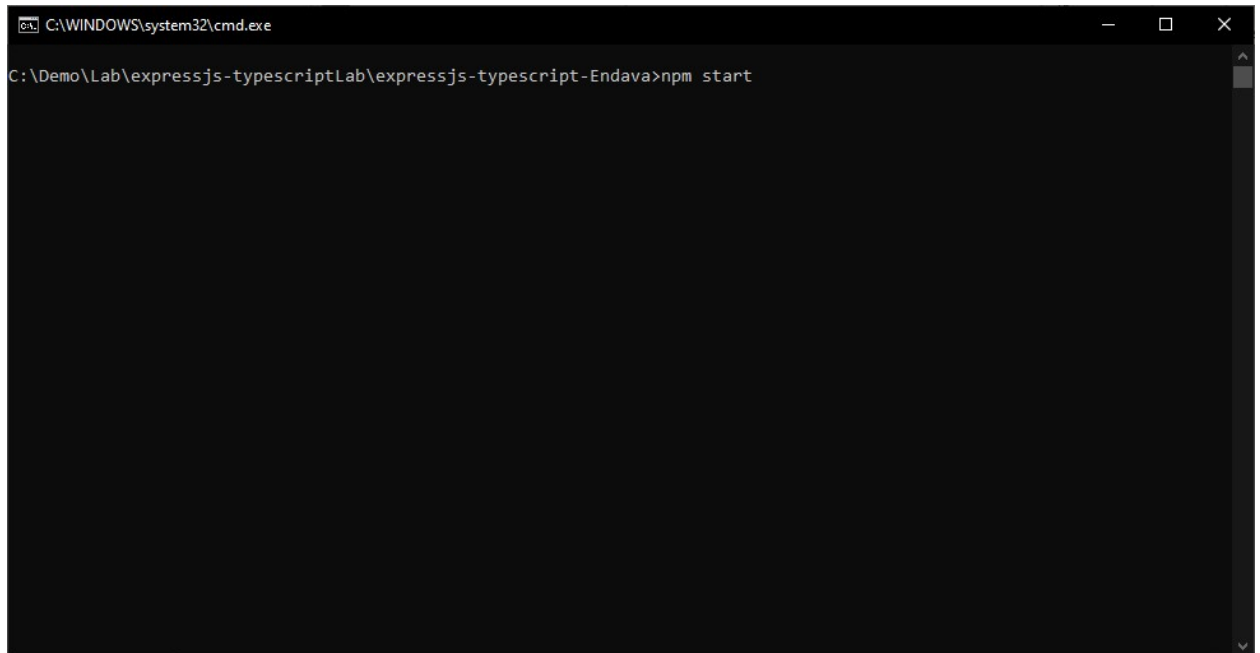

7) **In node.js command prompt executes this command "npm start"**

```
npm run dev                                                    —   □   ×

> express-typescript@1.0.0 build
> npm-run-all clean lint tsc copy-assets


> express-typescript@1.0.0 clean
> rimraf dist/*


> express-typescript@1.0.0 lint
> tslint -c tslint.json -p tsconfig.json


> express-typescript@1.0.0 tsc
> tsc


> express-typescript@1.0.0 copy-assets
> ts-node tools/copyAssets

cp: no such file or directory: src/public
rm: no such file or directory: dist/public/js/*.ts
rm: no such file or directory: dist/public/js/*.json

> express-typescript@1.0.0 dev
> node .

server started at http://localhost:8080
```

8) Now open the browser an type this url <u>http://localhost:8080</u>

```
□    ExpressJS TypeScript starter tem ×    +                                —   □   ×

←  →  C      ⓘ  localhost:8080                                    ⭐  ⭐  ⊕  👤  ⋯
```

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