LAPORAN JOBSHEET 1

"Instalasi dan React.Js Dasar"

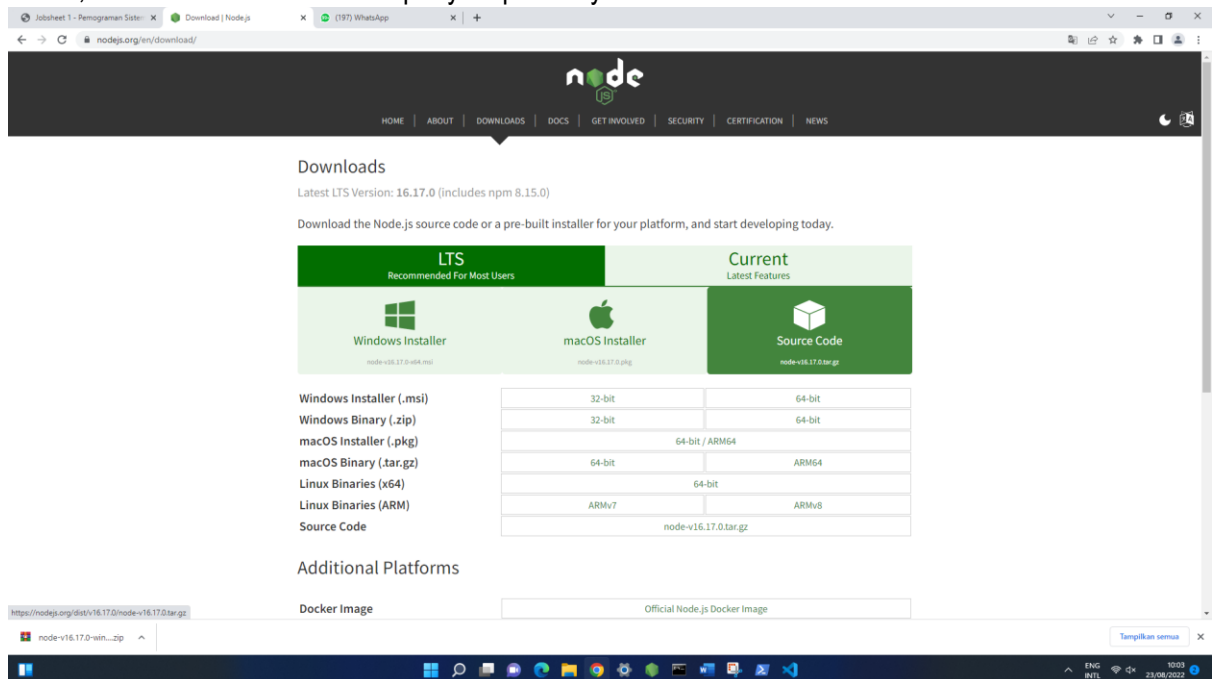**PEMPROGRAMAN SISTEM BERGERAK**

Mutiara Hermalina

20076012

Dosen Pengampu:

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PENDIDIKAN TEKNIK INFORMATIKA

TEKNIK ELEKTRONIKA

UNIVERSITAS NEGERI PADANG

2022

1. Sebelum kita memulai membuat coding tentang biodata diri dengan aplikasi node js dan visual studio, terlebih dahulu harus mempunyai aplikasinya.

2. Setelah kedua aplikasi sudah ada di computer maka baru bisa mengerjakannya sesuai dengan Langkah yang ada d jobsheet.
3. Untuk memulainya buka Terminal CMD lalu ketikan "npm install --global yarn"

4. Buka Terminal CMD lalu ketikan "Npm install -g create-react-app"

5. Setelah selesai kita akan menjalankan "create-react-app -v"

```
C:\Users\HP>create-react-app -v
Please specify the project directory:
  create-react-app <project-directory>

For example:
  create-react-app my-react-app

Run create-react-app --help to see all options.
```

6. Selanjutnya untuk membuat project baru gunakan perintah "create-react-app my-appname"

```
C:\Users\HP>create-react-app ps-mutiara

Creating a new React app in C:\Users\HP\ps-mutiara.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...


added 1393 packages in 2m

207 packages are looking for funding
  run `npm fund` for details
Git repo not initialized Error: Command failed: git --version
    at checkExecSyncError (node:child_process:841:11)
    at execSync (node:child_process:912:15)
    at tryGitInit (C:\Users\HP\ps-mutiara\node_modules\react-scripts\scripts\init.js:46:5)
    at module.exports (C:\Users\HP\ps-mutiara\node_modules\react-scripts\scripts\init.js:276:7)
    at [eval]:3:14
    at Script.runInThisContext (node:vm:129:12)
    at Object.runInThisContext (node:vm:313:38)
    at node:internal/process/execution:76:19
    at [eval]-wrapper:6:22 {
  status: 1,
  signal: null,
  output: [ null, null, null ],
  pid: 15928,
  stdout: null,
  stderr: null
}

Installing template dependencies using npm...

added 55 packages in 5s

207 packages are looking for funding
  run `npm fund` for details
Removing template package using npm...


removed 1 package, and audited 1448 packages in 2s

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

6 high severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Success! Created ps-mutiara at C:\Users\HP\ps-mutiara
Inside that directory, you can run several commands:

  npm start
```

```
  npm start
    Starts the development server.

  npm run build
    Bundles the app into static files for production.

  npm test
    Starts the test runner.

  npm run eject
    Removes this tool and copies build dependencies, configuration files
    and scripts into the app directory. If you do this, you can't go back!

We suggest that you begin by typing:

  cd ps-mutiara
  npm start

Happy hacking!
```

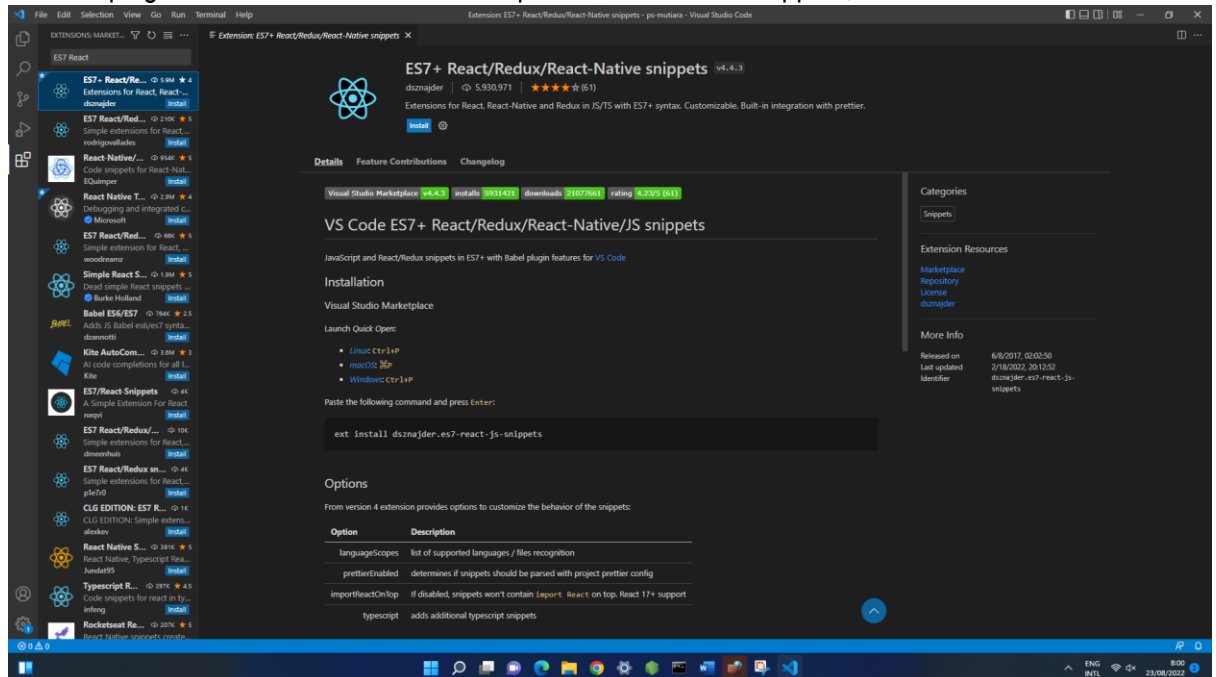7. Setelah selesai, kita masuk kedalam folder project yang dibuat sebelumnya "cd namafolder",
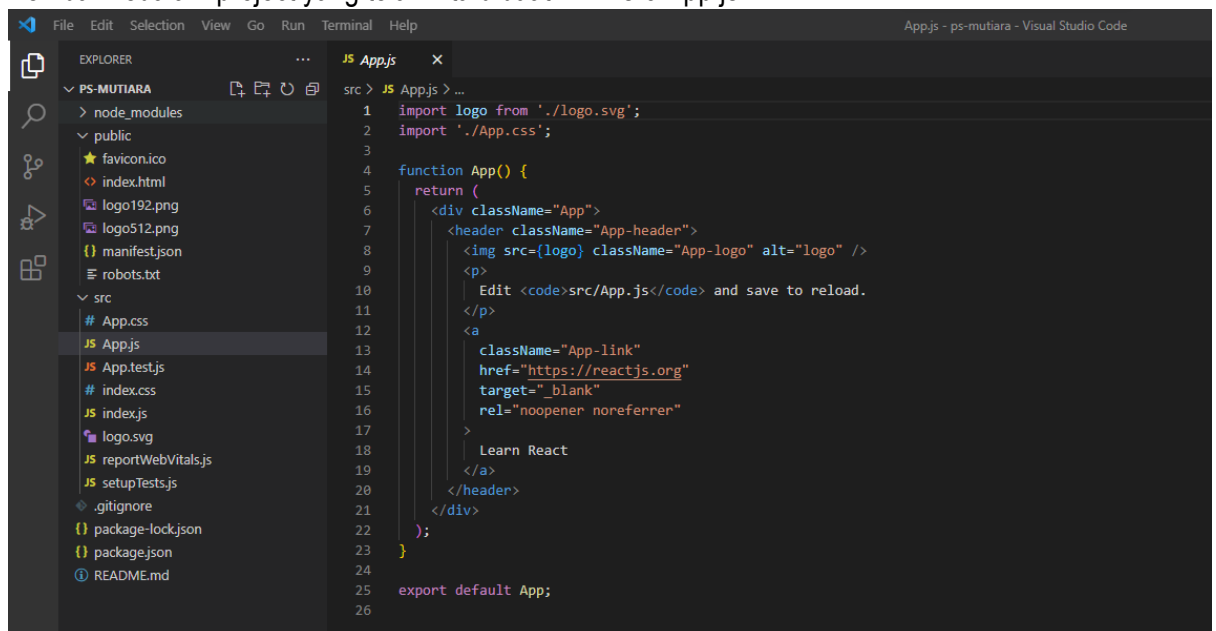

8. Berikut tampilan App.js yang sudah berhasil dibuat
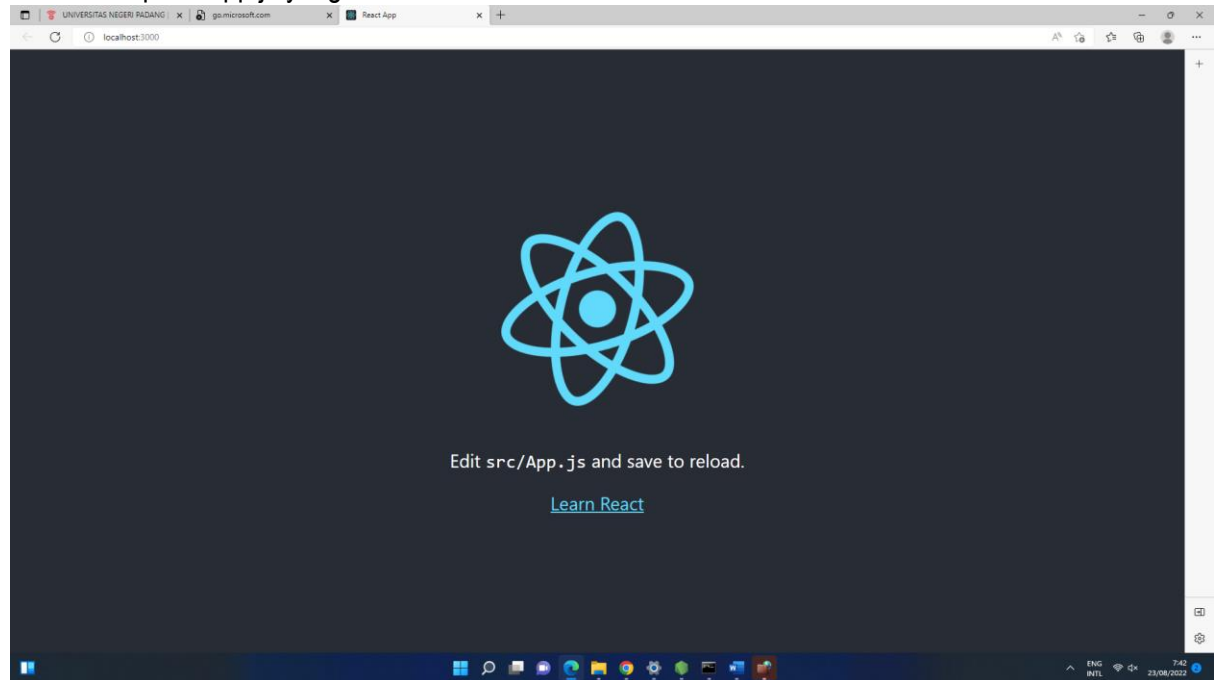
9. Cara Setup Environment Developmen React-JS 10. Buka terminal CMD, Masuk kedalam project yang dibuat sebelumnya. Ketik "code ."
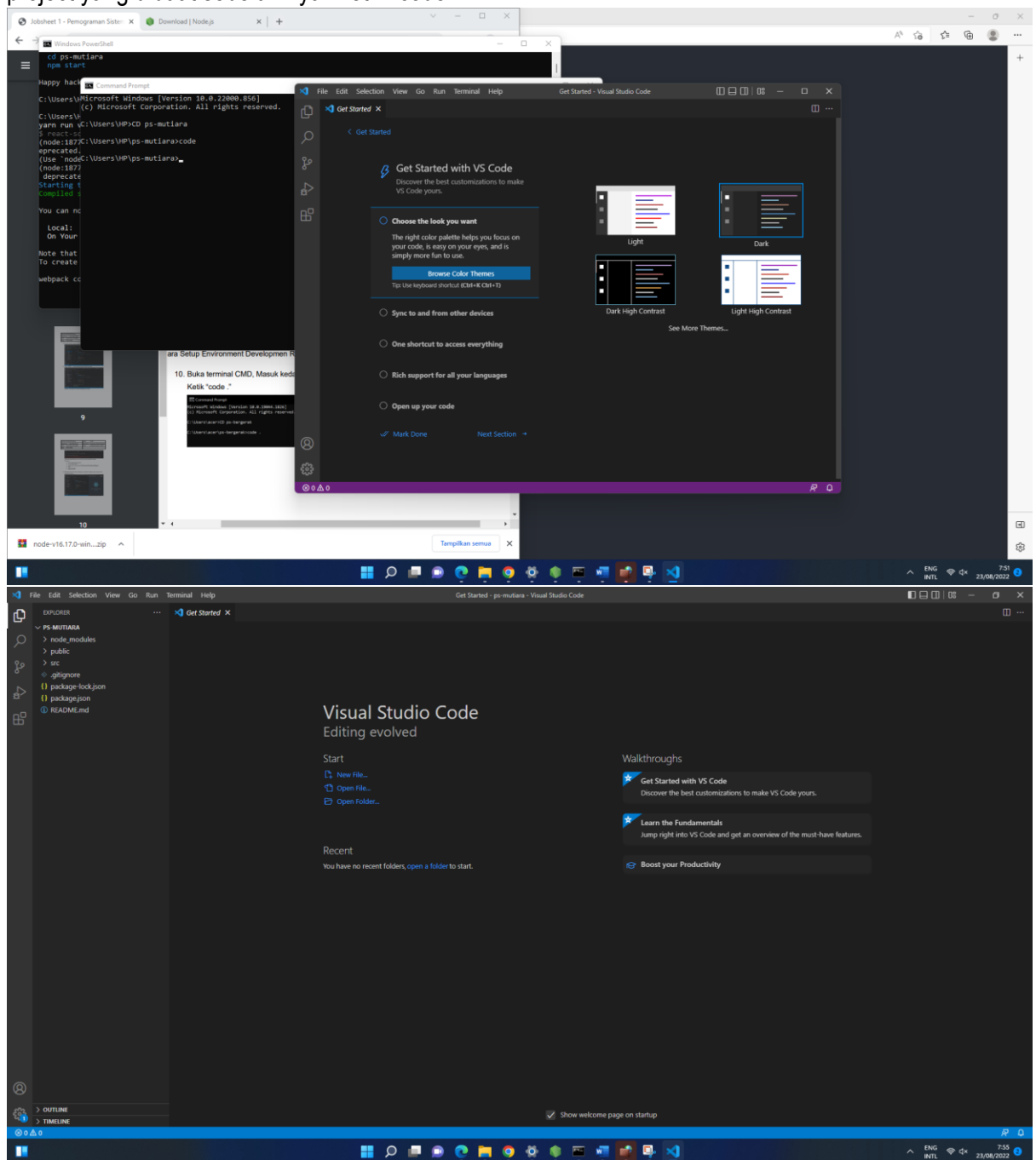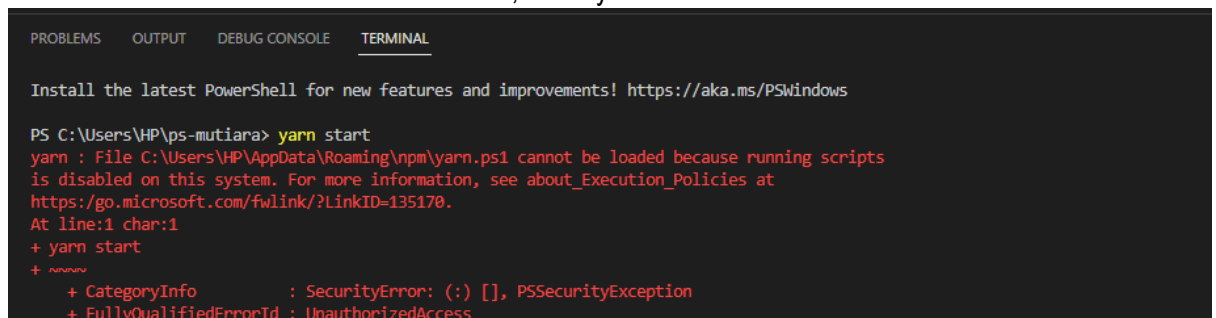
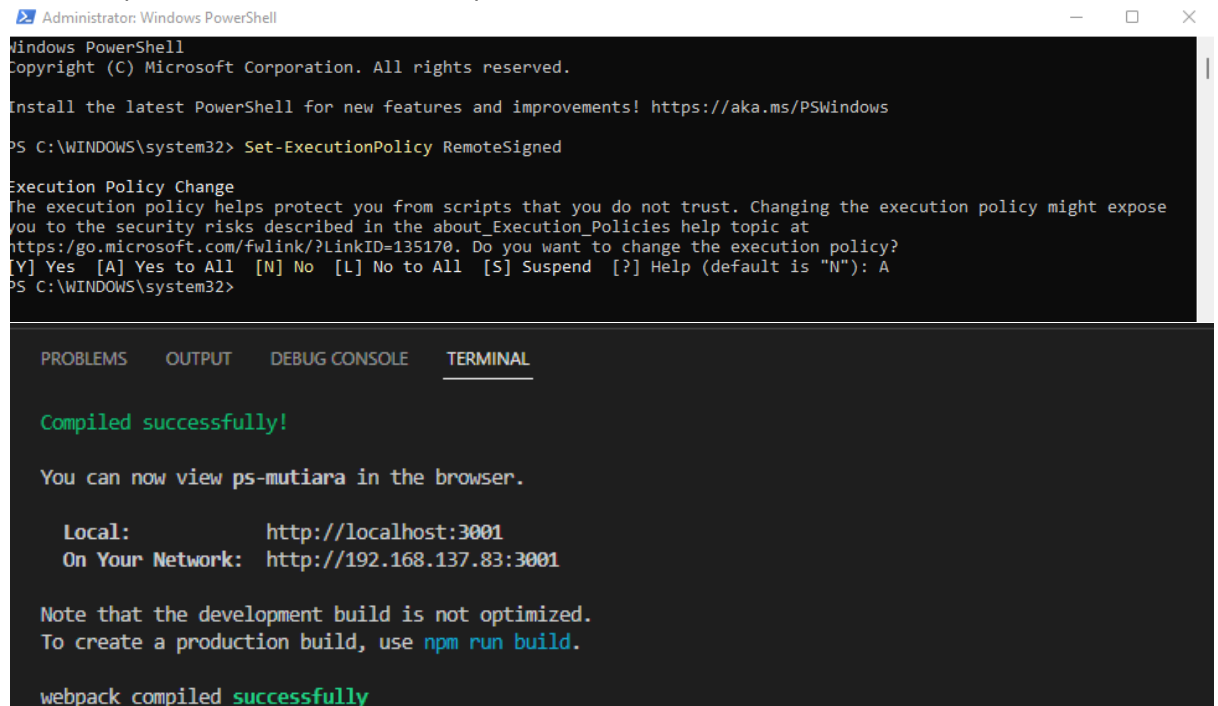10. Pilih tab plugin – cari ES7 React/Redux/GraphQL/React-Native snippets, lalu install

11. Kembali kedalam project yang telah kita dibuat. Pilih src-App.js

12. Tekan " CTR + ~ " masuk kedalam terminal, ketik "yarn start"

Jika terdapat error maka buka windows powershell

13. Setelah berhasil, kita akan membagi layer menjadi dua bagian agar mempermudah pengerjaan project
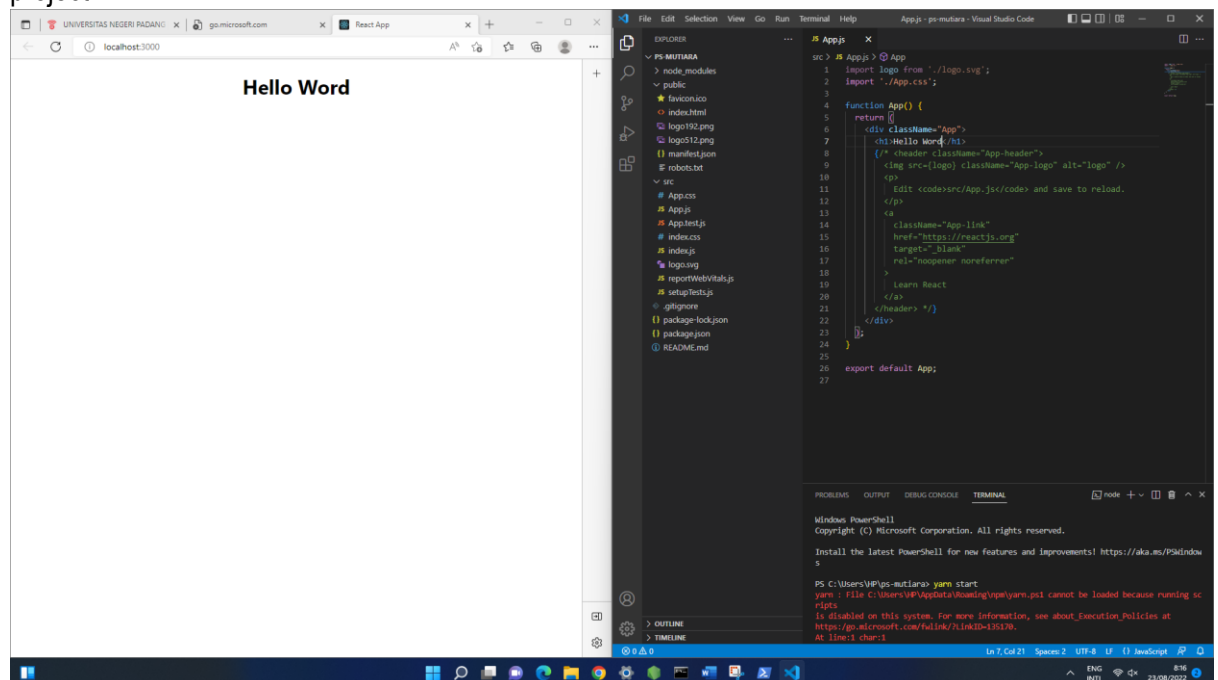
14. Selanjutnya kita membuat biodata diri kita dan mengatur teks sesuai dengan kita inginkan dengan menggunakan css.