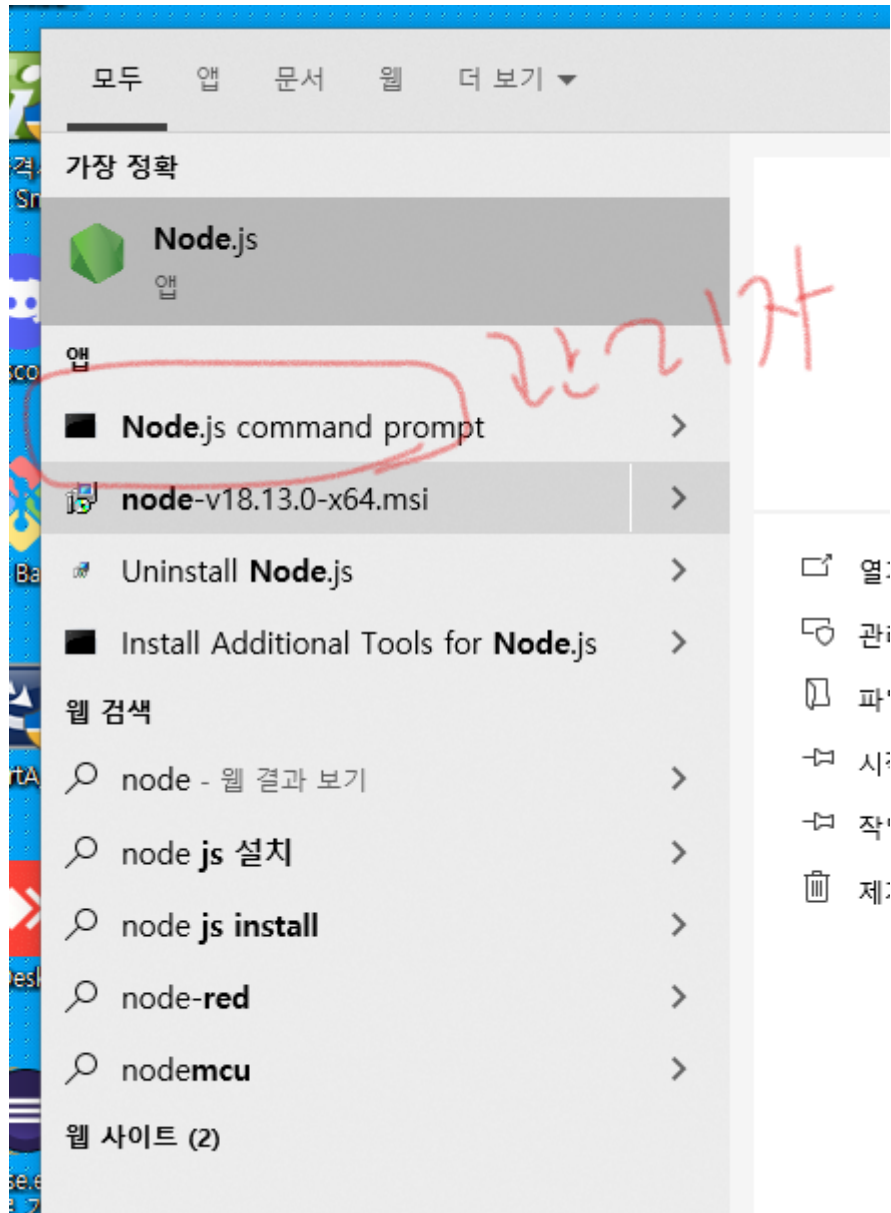


20230127 React

- node.js 다운로드
- <https://nodejs.org/ko/> → LTS 버전으로 다운로드



```
관리자: Node.js command prompt
Your environment has been set up for using Node.js 18.13.0 (x64) and npm.

C:\Windows\System32>node -v
v18.13.0
C:\Windows\System32>
```

- npm → dependency 처럼 다운받아 라이브러리 사용가능

```
관리자: Node.js command prompt
Your environment has been set up for using Node.js 18.13.0 (x64) and npm.

C:\Windows\System32>node -v
v18.13.0

C:\Windows\System32>npm install -g create-react-app
npm WARN deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please
upgrade asap.

added 67 packages, and audited 68 packages in 2s

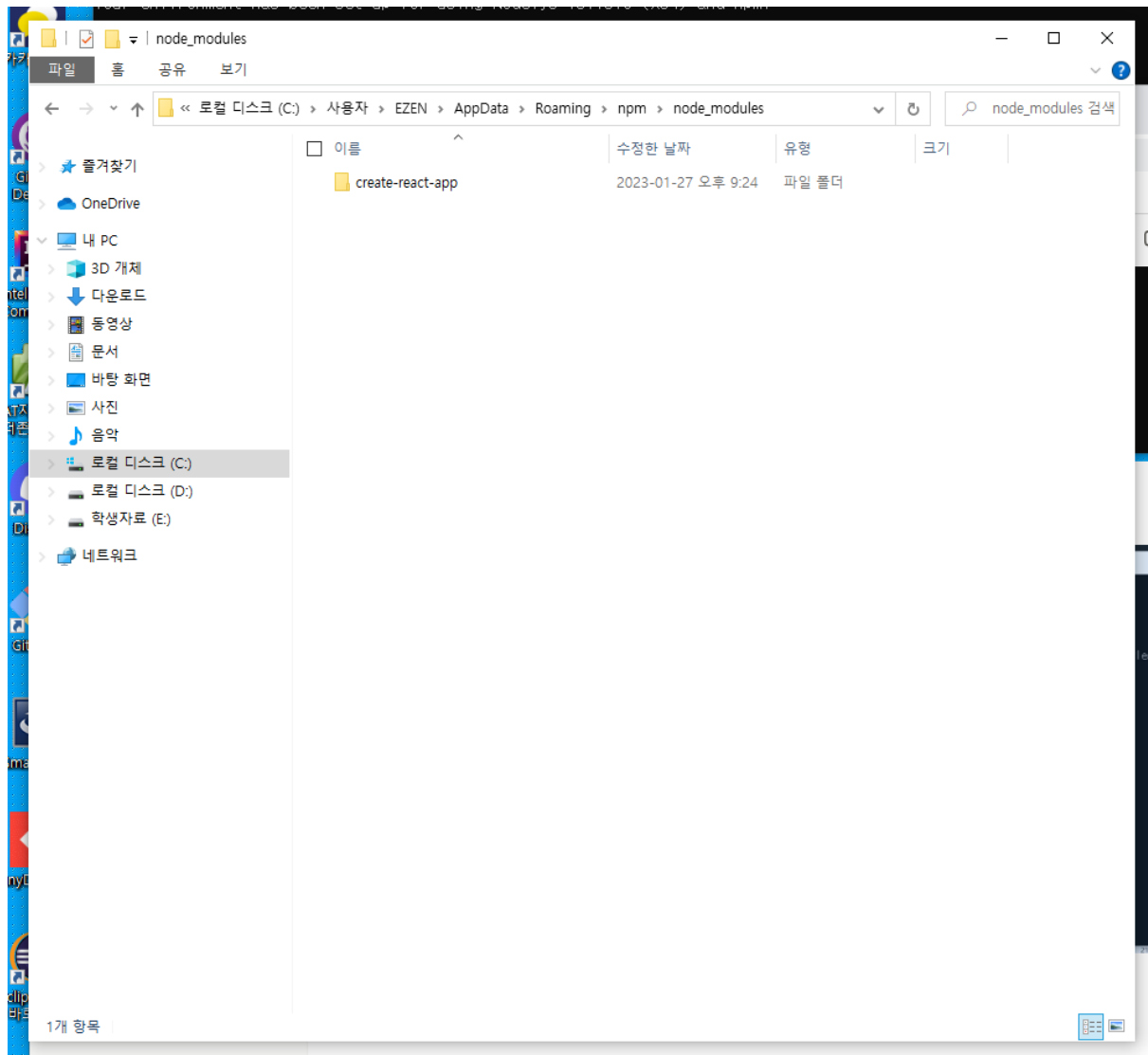
5 packages are looking for funding
  run `npm fund` for details

2 high severity vulnerabilities

Some issues need review, and may require choosing
a different dependency.

Run `npm audit` for details.
npm notice
npm notice New major version of npm available! 8.19.3 -> 9.4.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v9.4.0
npm notice Run `npm install -g npm@9.4.0` to update!
npm notice

C:\Windows\System32>
```



- 만들어보고 지움

```
npm install react react-dom react-scripts cra-template
5 packages are looking for funding
  run `npm fund` for details

3 high severity vulnerabilities
To address all issues, run:
  npm audit fix
Run `npm audit` for details.
D:\test>cd ..
D:\>cd suu
D:\suu>cd react_workspace
D:\suu\react_workspace>npx create-react-app myproject
Need to install the following packages:
  create-react-app@5.0.1
Ok to proceed? (y) y
npm WARN deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please
  upgrade asap.
(E) Creating a new React app in D:\suu\react_workspace\myproject.
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...
[ ] reify:bonjour-service: timing reifyNode:node_modules/filelist/node_modules/minimatch Completed i
```

```
관리자: Windows PowerShell
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!

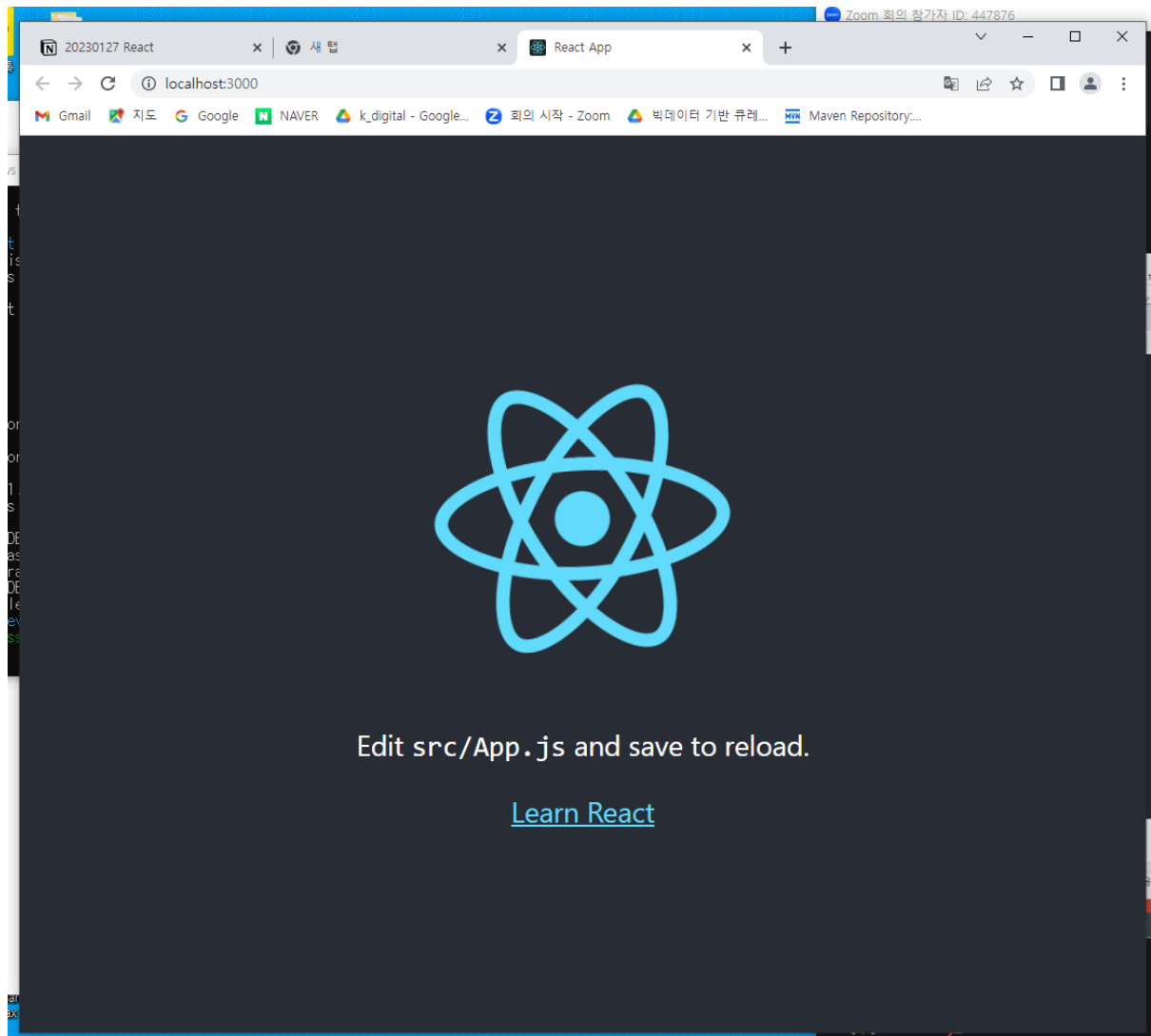
We suggest that you begin by typing:

  cd myproject
  npm start

Happy hacking!
D:\suu\react_workspace>cd myproject
D:\suu\react_workspace\myproject>npm start
> myproject@0.1.0 start
> react-scripts start

(node:12600) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is d
eprecated. Please use the 'setupMiddlewares' option.
(Use 'node --trace-deprecation ...' to show where the warning was created)
(node:12600) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is
deprecated. Please use the 'setupMiddlewares' option.
Starting the development server...
Compiled successfully!
```

- 서버 켜져있는 상태에서 작업하기



- 작업 끝낼때 → ctrl + c

```
관리자: Windows PowerShell
npm start

Happy hacking!
D:\$suu\react_workspace>cd myproject
D:\$suu\react_workspace\myproject>npm start

> myproject@0.1.0 start
> react-scripts start

(node:12600) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
(Use 'node --trace-deprecation ...' to show where the warning was created)
(node:12600) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
Starting the development server...
Compiled successfully!

You can now view myproject in the browser.

Local:      http://localhost:3000
On Your Network:  http://172.16.142.21:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
일괄 작업을 끝내시겠습니까 (Y/N)? y_
```

- 실제 작업할때에는 VS에서 사용