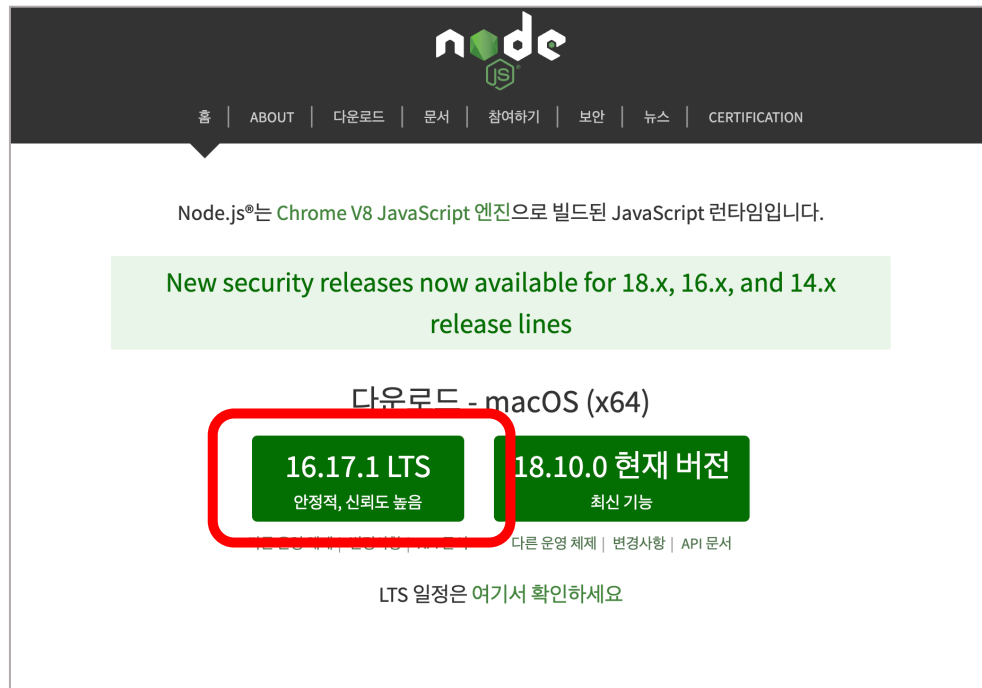


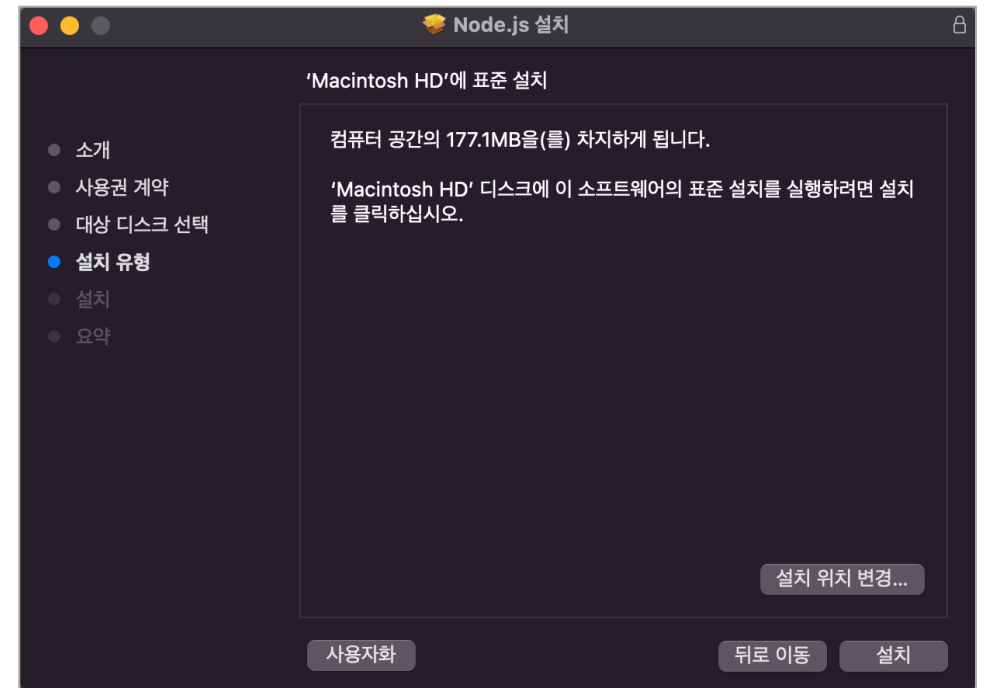
react  
개발 환경 세팅

# 1. node.js설치

## 1. 최신 버전이 아닌 LTS인 16 버전으로 설치



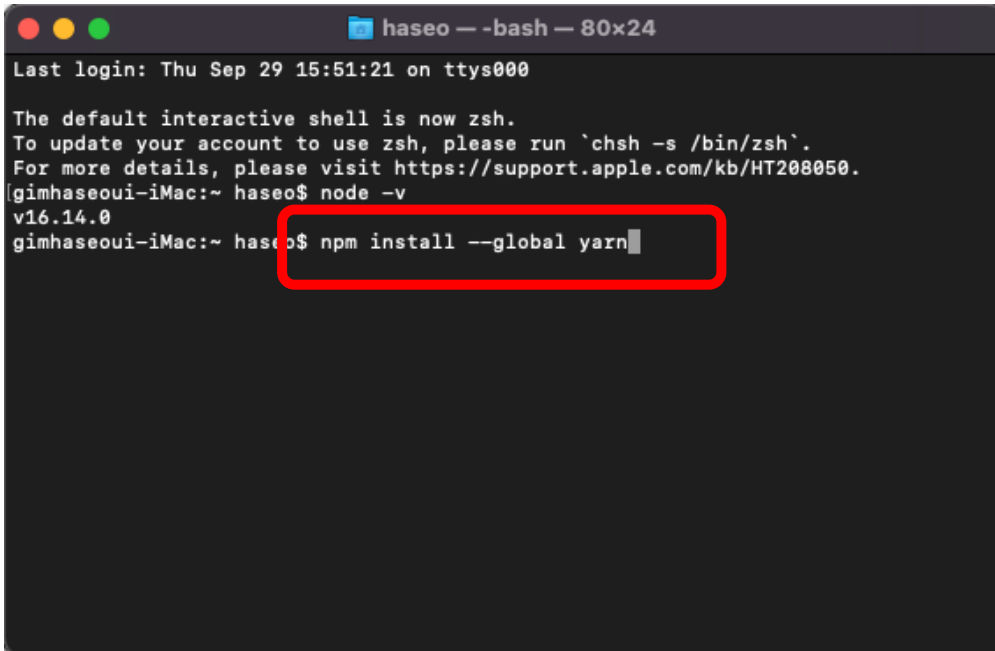
## 2. 설치 파일 설치



\*LST(Long Term Support): 일반 버전 보다 장기간에 걸쳐서 지원하도록 특별히 고안된 버전

## 2. yarn, react-create-app 설치

### 3. 터미널에 yarn 설치 명령어 입력

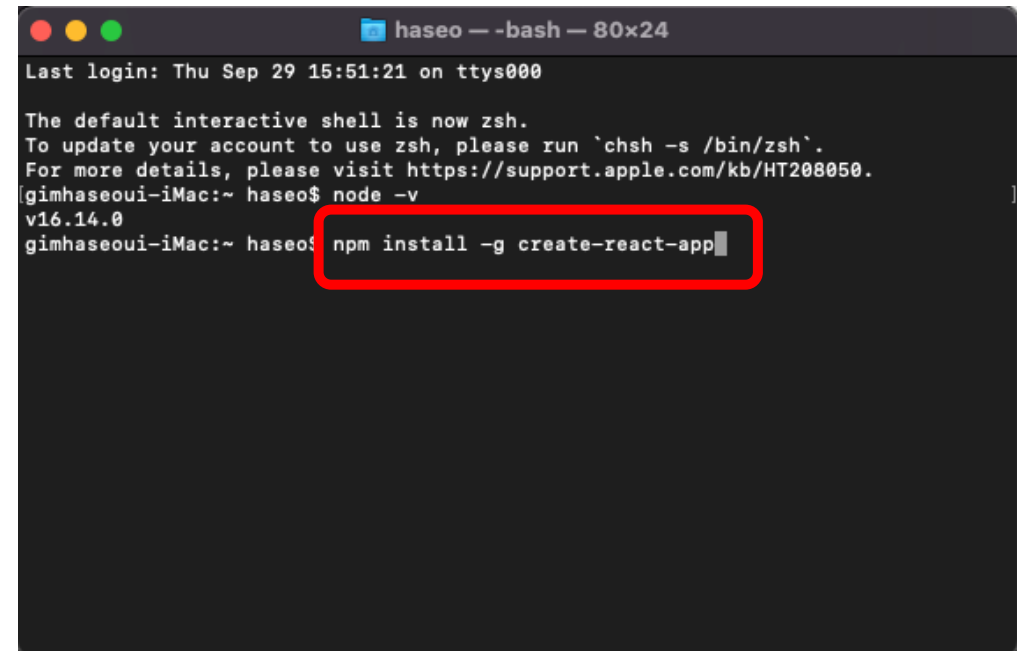
A terminal window titled 'haseo --bash-- 80x24' showing the installation of yarn. The terminal output includes: 'Last login: Thu Sep 29 15:51:21 on ttys000', 'The default interactive shell is now zsh.', 'To update your account to use zsh, please run `chsh -s /bin/zsh`.', 'For more details, please visit https://support.apple.com/kb/HT208050.', '[gimhaseoui-iMac:~ haseo\$ node -v]', 'v16.14.0', and '[gimhaseoui-iMac:~ haseo\$ npm install --global yarn]'. The command 'npm install --global yarn' is highlighted with a red rectangle.

```
haseo --bash-- 80x24
Last login: Thu Sep 29 15:51:21 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
[gimhaseoui-iMac:~ haseo$ node -v]
v16.14.0
[gimhaseoui-iMac:~ haseo$ npm install --global yarn]
```

npm install --global yarn

### 4. 터미널에 react-create-app 설치 명령어 입력

A terminal window titled 'haseo --bash-- 80x24' showing the installation of create-react-app. The terminal output includes: 'Last login: Thu Sep 29 15:51:21 on ttys000', 'The default interactive shell is now zsh.', 'To update your account to use zsh, please run `chsh -s /bin/zsh`.', 'For more details, please visit https://support.apple.com/kb/HT208050.', '[gimhaseoui-iMac:~ haseo\$ node -v]', 'v16.14.0', and '[gimhaseoui-iMac:~ haseo\$ npm install -g create-react-app]'. The command 'npm install -g create-react-app' is highlighted with a red rectangle.

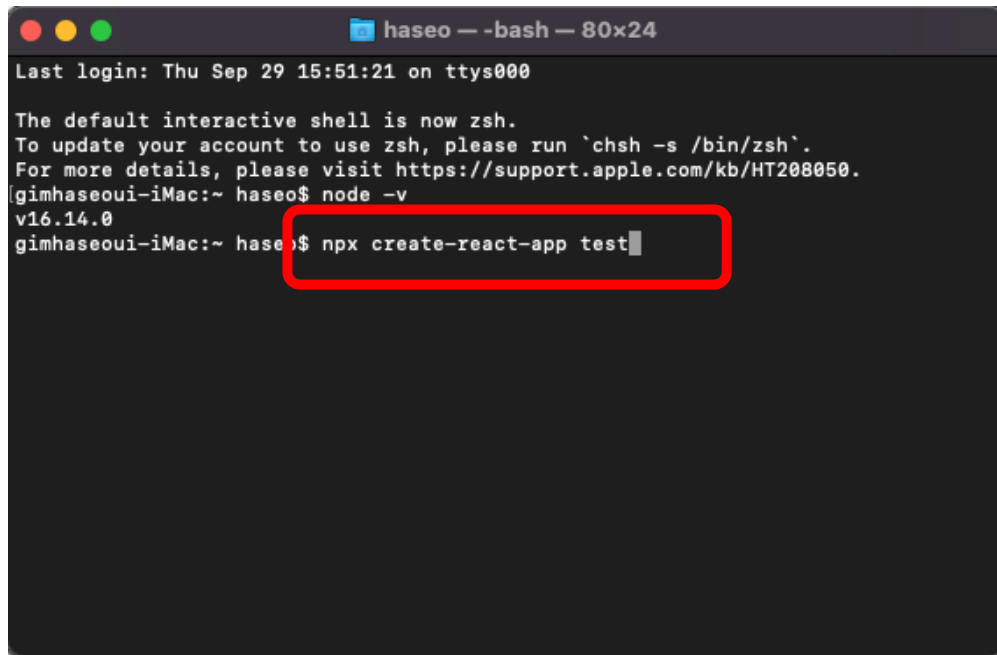
```
haseo --bash-- 80x24
Last login: Thu Sep 29 15:51:21 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
[gimhaseoui-iMac:~ haseo$ node -v]
v16.14.0
[gimhaseoui-iMac:~ haseo$ npm install -g create-react-app]
```

npm install -g create-react-app

### 3. 프로젝트 파일 생성

#### 5. 원하는 폴더에 react 프로젝트 생성

A terminal window titled 'haseo - bash - 80x24' with a dark background. It shows the following text: 'Last login: Thu Sep 29 15:51:21 on ttys000', 'The default interactive shell is now zsh.', 'To update your account to use zsh, please run `chsh -s /bin/zsh`.', 'For more details, please visit https://support.apple.com/kb/HT208050.', 'gimhaseoui-iMac:~ haseo\$ node -v', 'v16.14.0', and 'gimhaseoui-iMac:~ haseo\$ npx create-react-app test'. The command 'npx create-react-app test' is highlighted with a red rectangle.

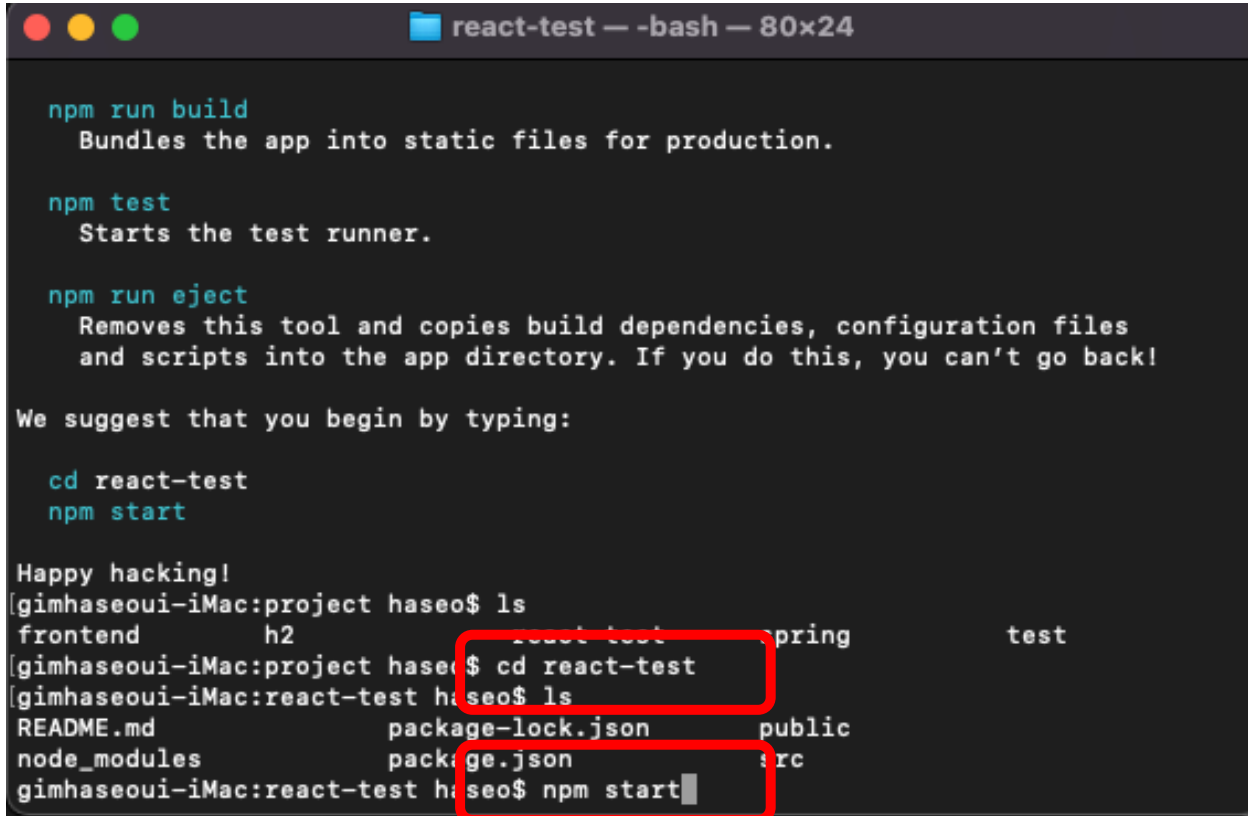
```
haseo — -bash — 80x24
Last login: Thu Sep 29 15:51:21 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
gimhaseoui-iMac:~ haseo$ node -v
v16.14.0
gimhaseoui-iMac:~ haseo$ npx create-react-app test
```

- npx로 생성시: `npx create-react-app 프로젝트 이름`
- yarn으로 생성시: `yarn create react-app 프로젝트 이름`

## 4. 프로젝트 실행, 종료

6. 해당 프로젝트로 들어온 후 프로젝트를 실행한다.



```
react-test — -bash — 80x24

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 react-test
  npm start

Happy hacking!
gimhaseoui-iMac:project haseo$ ls
frontend      h2      react-test  spring  test
gimhaseoui-iMac:project haseo$ cd react-test
gimhaseoui-iMac:react-test haseo$ ls
README.md      package-lock.json  public
node_modules   package.json       src
gimhaseoui-iMac:react-test haseo$ npm start
```

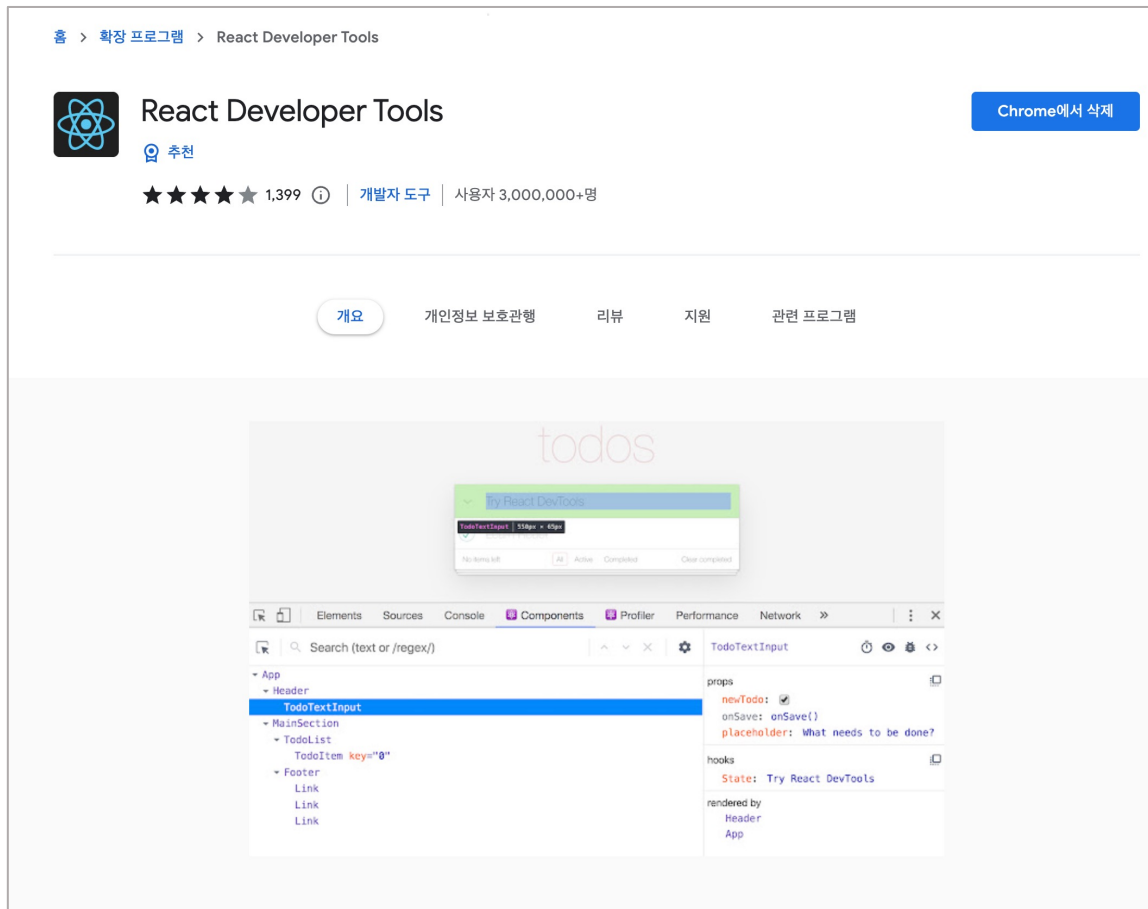
- npm으로 실행시: `npm start`
- yarn으로 실행시: `yarn start`
- 종료시: `Ctrl + C`

## 5. 기타 참고

- 리액트 포트 죽이기
  - `netstat -a -o | find "3000"`
  - `taskkill /f /pid 12024`


## 6. 크롬 React Extension 설치

<https://chrome.google.com/webstore/detail/react-developer-tools/fmkadmapgofadopljbjfkapdkoienihi>




## 7. 리엑트를 위한 Extension 설치

설치 후 바로 적용이 안된다면  
visual studio를 껐다 켜주세요!



**Auto Import - ES6, TS, JSX, TSX** v1.4.3  
Sergey Korenuk | 377,375 | ★★★★★☆ (23)  
Automatically finds, parses and provides code actions and code completi...  
사용 안 함 ▼ 제거 ▼ ⚙️  
이 확장은 전역적으로 사용하도록 설정되었습니다.

import 자동 처리



**JS JSX Snippets** v11.0.0  
ran | 523,530 | ★★★★★ (2)  
Extensions for React, Redux in JS with babel and ES7 syntax  
사용 안 함 ▼ 제거 ▼ ⚙️  
이 확장은 전역적으로 사용하도록 설정되었습니다.

JS, JSX코드 단축키 완성