

# How to Start with React !

(codeSandBox.io → a react platform)

## React Installation

- 1: Install NodeJS and NPM.
- 2: Install Visual Studio Code/Sublime/Atom/Brackets
- 3: Install React from terminal
  - a: `npm install -g create-react-app`
  - b: `create-react-app --version`
  - c: `create-react-app <projectname>`

### 1. Download and Install **VS Code**

### 2. Install Plugins

- **Babel JavaScript**
- **ES6 Code Snippet**
- **VSCode-icons**

### 3. React Installation

- Install **NodeJS** and **NPM**

Download for Windows (x64)

**12.17.0 LTS**

Recommended For Most Users

**14.3.0 Current**

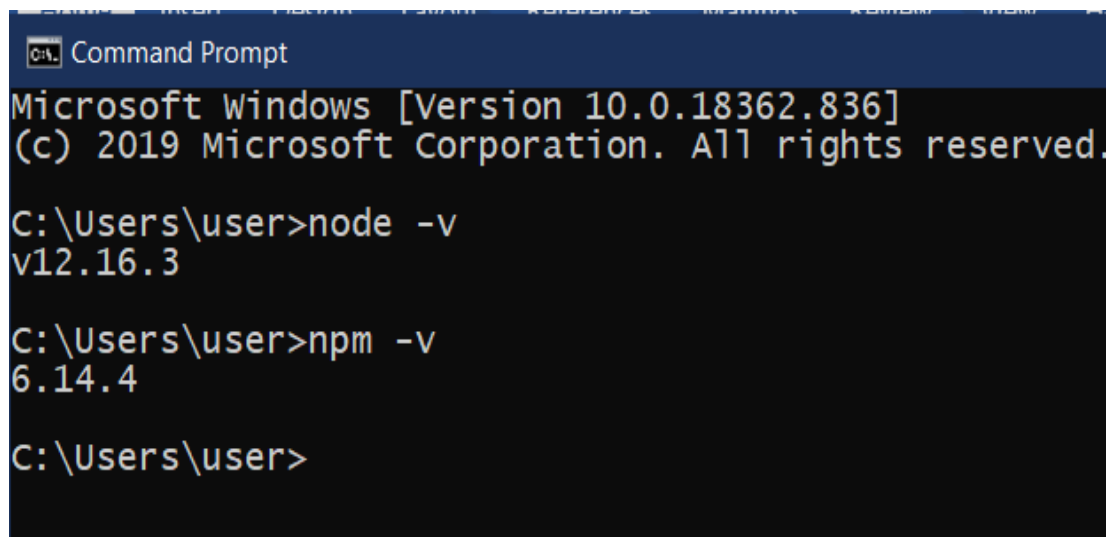
Latest Features

[Other Downloads](#) | [Changelog](#) | [API Docs](#)

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Or have a look at the [Long Term Support \(LTS\)](#) schedule.

- Download latest version of NodeJS and install it.
  - Check the installation
  - Go to cmd, type **node -v**
- 
- NPM comes along with NodeJS
  - Check the installation
  - Go to cmd, type **npm -v**



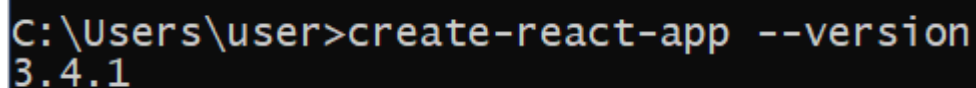
```
Command Prompt
Microsoft Windows [Version 10.0.18362.836]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\user>node -v
v12.16.3

C:\Users\user>npm -v
6.14.4

C:\Users\user>
```

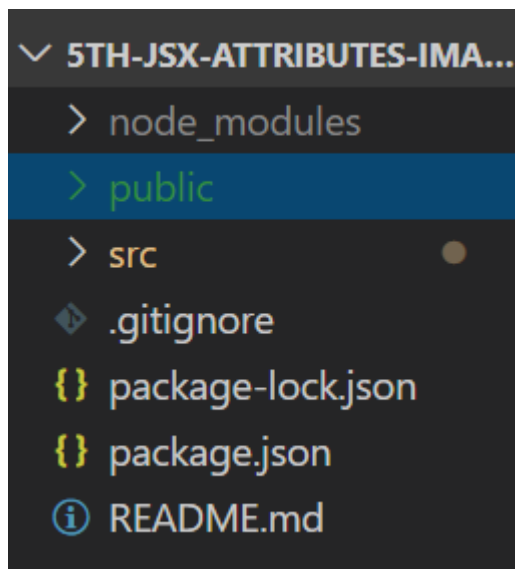
- Installing **create-react-app** ie react globally using **npm** (node package manager)
- Run the below command anywhere
- **>npm install -g create-react-app**
- Check the version or installation
- **>create-react-app --version**

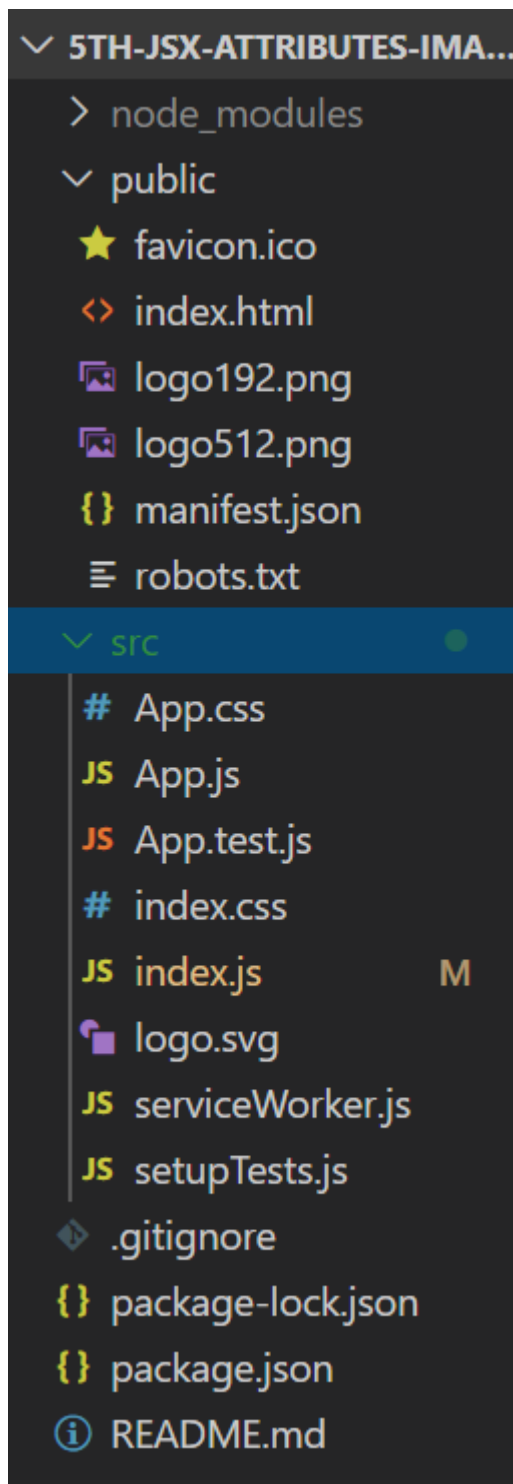


```
C:\Users\user>create-react-app --version
3.4.1
```

#### 4. Creating our first Project or React-app

- 1) Create a folder (just for cleanliness)
- 2) Go to that folder through command line
- 3) Suppose in **D** drive I have created a folder **ReactProjects**.
- 4) Use the command to create the first project
- 5) D:\ReactPrjoects> **create-react-app react-demo**
- 6) It will take some minutes to **download** its file.
- 7) Open the Project folder in **VS Code** to see the file structure.





8) So our first Project is ready to be run on the server.

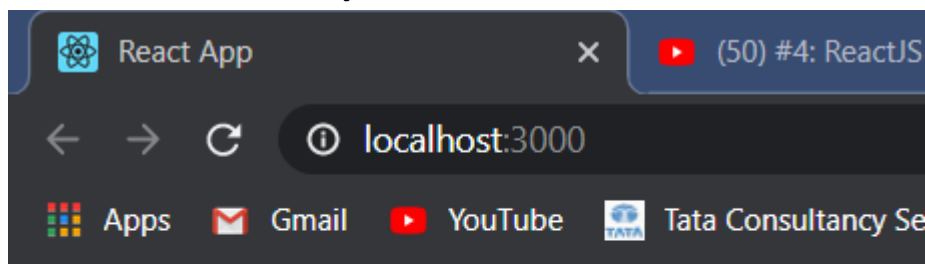
9) Important files for now

✓ Index.js ->

✓ Index.html ->

## 5. Running the project

- Go inside the project folder.
- `D:\ReactProjects\reactDemo>`
- And run the command  
`npm start`
- Eg. `D:\ReactProjects\reactDemo>npm start`
- Our project will be run on the browser(if there is no error in the code).



# Hello React using ES6 !!

I have changed the code in index.js.