React.js Notes:

1. Initially you have to install Node.js and NPM.
2. Then create the react application.
3. **npx create-react-app “app\_name”**.
4. **NPM** is the module which download the thing on your system for lifetime while **NPX** is the package manager which is used to run pre-built utilities for one time at a time.
5. The website will always open in 3000 port address.
6. Favicon the logo which every website has.
7. Single-Page Application means it can’t take loading time on switching between multiple website pages.
8. Main file is **App.js**
9. Another main thing in react is **JSX** 🡪 **JavaScript Syntax Extension**.
10. JSX is used for inserting dynamic JS & HTML simultaneously.
11. <div> {JS inside this curly braces} </div>.
12. React itself totally based on components. It’s breakdown into multiple components.
13. **<> </>** 🡪 is the react wrapping tags. Very Important.
14. For installing or linking Bootstrap with react we have to do the following steps:
15. **Copy the bootstrap CSS link and paste it under the head section of your index.js file and also copy the JS script tag and paste it under the body section of your index.js file.**
16. Copy the **navbar code from bootstrap** and paste it into your app.js file.
17. React-Bootstrap official website.
18. **ES7 React/Redux etc extension VSCode.**
19. **Rafc 🡪 react functional based component.**
20. **Props:** Passing data from parent to child.
21. **Props types:**
22. Import prototypes first, then define it at the end of the function.
23. If your file or function name is Header then write the below lines:
24. Header.propTypes = { title.PropTypes.string}