**Q:1. What is React Js?**

Ans. React js is a free and open-source front end JavaScript library for building user interfaces based on UI components.

**Q:2. What is NPM in React Js?**

**Ans.** NPM is Short for node package manager, an online directory that contains the various already registered open-source packages.

**Q:3. What is Role of Node Js in react Js?**

**Ans.** Main Role of node js in react js is to build reusable user interface (UI) Components.

**Q:4. What is CLI command In React Js?**

**Ans. CLI:** Command -line interface is a text-based user interface used to run

Programs, manage computer files and interact with computer.

**Q:5. What is Components in React Js?**

**Ans.** Component are independent and reusable bite of code. They serve the same purpose as JavaScript function, but work in isolation and return HTML. Components come in two types ,Class components and Function components.

**Q:6. How to install React Js on Windows, Linux Operating System? How to install NPM and How to check version of NPM?**

**Ans**

For Install React app in Windows:

step:1=> Open a terminal(Windows Command Prompt or PowerShell).

Step:2 => Write npx create-react-app my-app

For Install React app in Linux:

step:1=> Open a terminal

Step:2 => Write $ sudo npm -g install create-react-app

For Install NPM in Windows:

step:1=> Open a terminal(Windows Command Prompt or PowerShell).

Step:2 => Write npm Install

For check version of NPM in Windows:

step:1=> Open a terminal (Windows Command Prompt or PowerShell).

Step:2 => Write npm -v <package-name>

**Q:7. How to check version of React Js ?**

**Ans**

For check React app verson:

step:1=> Open a terminal(Windows Command Prompt or PowerShell).

Step:2 =>Write npm view react version

**Q:8.How to change in components of React Js?**

**Ans.** You can convert a function component like Clock to a class in five steps:

1. Create an [ES6 class](https://developer.mozilla.org/en/docs/Web/JavaScript/Reference/Classes), with the same name, that extends React.Component.
2. Add a single empty method to it called render().
3. Move the body of the function into the render() method.
4. Replace props with this.props in the render() body.
5. Delete the remaining empty function declaration.