

## Module – 3 ReactJs

### **1. What is react js ?**

=> React is a popular JavaScript library used for web development. React.js or ReactJS or React are different ways to represent ReactJS.

### **2. what is NPM in React Js?**

=> NPM is an abbreviation used for the node package manager. It is a package manager for JavaScript. It is the default package manager that comes with NodeJS when you install it..

### **3. what is Role of Node Js in react js ?**

=> Node is the most popular platform for hosting and running web servers for React apps. After all, using NPM (Node Package Manager), you can install any package with NPM command-line interface CLI.

### **4. What is CLI command In React Js ?**

=> ReactCLI is a ReactJS component that provides a simple way to present a command line interface to your user in your web app.

### **5. What is Components in React Js ?**

=> Components are independent and reusable bits of code. They serve the same purpose as JavaScript functions, but work in isolation and return HTML. Components come in two types, Class components and Function components, in this tutorial we will concentrate on Function components.

### **6. What is Header and Content Components in React Js?**

=> Headers are compositions that extend standard navbar functionalities. They contain additional components like a jumbotron, sub-navbar, or image covers which serve as a containers for extra navigation elements - usually links, forms, or call-to-action buttons.

### **7. How to install React Js on Windows, linux Operating System?**

=> windows: Install Node.js installer for windows, Create a new project folder: mkdir ReactProjects and enter that directory: cd ReactProjects,, Install React using create-react-app, a tool that installs all of the dependencies to build and run a full React.js application:

=> linux: Install Node. js. Node, Create A New React Application. You can create a React., Start React Application. Once you have created your React application, Create React. js Production Build.

### **8. How to check version of React Js?**

=> Open DeveloperTool in your browser., Go to Source Tab., Check your appName .js file., Search for "react" or "react-dom" You will find something like below. That will be the version your react-app is using.

### **9. How to change in components of React Js?**

=> Create an ES6 class, with the same name, that extends React.Component . Add a single empty method to it called render() . Move the body of the function into the render() method.