1. What is React JS?
   1. React JS is a library of JavaScript developed by Facebook for develop a web application. By using React, user can develop One Page Application. React JS Makes development of web application very easy.
   2. In react js we can re-use the components any time. There are two methods to create components: 1 - class components 2 - functional components.
2. What is NPM in React JS?
   1. NPM or Node Package Manager is vital tool that used in React JS to manage the package in React JS. NPM installed automatically while installing the Node.JS. By using NPM, we can install, uninstall or update the package.
   2. To install any package the command used is “NPM INSTALL Package name” for example “npm install bootstrap@latest”. After installing this package will be stored in node modules folder and in package.json info will be stored the this package is install.
   3. If mystically node modules folder is deleted user can run command “npm install” it will install all packages that are mentioned inside “package.json” file.
3. What is Role of Node JS in React JS?
   1. Node.js is a JavaScript runtime that helps run JavaScript code outside of web browsers. While ReactJS is used for building the user interface of web applications, Node.js is used on the server-side to handle various tasks.
4. What is CLI Commands in React JS?
   1. In ReactJS, CLI (Command Line Interface) commands are specific commands that you run in the command-line interface or terminal to perform various actions related to creating, developing, building, and deploying React applications. These commands are typically provided by tools like Create React App (CRA) or other React-specific CLI tools. Here are some commonly used CLI commands in ReactJS:
      1. Create-react-app : To create react app
      2. Npm start : To start development server
      3. Npm run build : To create a production ready build files of project
      4. Npm test : To execute the test cases defined in project
5. What are Components in React JS?
   1. In ReactJS, components are the building blocks of user interfaces. They are reusable and self-contained units of code that encapsulate a specific piece of functionality, logic, and presentation. Components in ReactJS can be thought of as individual units or "widgets" that are combined to create complex and interactive user interfaces.
   2. In React There is two types of Components:
      1. Class Components: -These are more powerful components defined as ES6 classes that extend the React.Component class. Class components have additional features like state and lifecycle methods. They are used for complex UI elements that need to manage their own state or have more advanced behaviour.
      2. Functional Components: -These are simpler components that are defined as JavaScript functions. They accept props (input data) as parameters and return JSX (JavaScript XML) to define the component's output. Functional components are used for simple, stateless UI elements.
6. What is Header and Content Components in React JS?
   1. In ReactJS, Header and Content components are common examples of components used in building a user interface. Let's understand their roles:
      1. Header Components: -The Header component represents the top section of a webpage or application, typically containing branding elements, navigation menus, and other UI elements that appear consistently across different pages or views. It provides a way to structure and display the header content in a reusable manner.
      2. Content Components: -The Content component represents the main content area of a webpage or application. It contains the specific content, features, or functionality that vary based on the current page or view. The Content component is often dynamic and can be updated based on user interactions or data changes.
7. How to install React Js on Windows, linux Operating System? How to install NPM and How to check version of NPM?
   1. To install React JS in windows, we need install Node JS. We can install the Node JS from it’s official website.
   2. After installation of Node JS, we need to open CMD in folder in which we need to create React app. After opening the CMD, type “npx create-react-app app-name” and press enter, after React app will be created on the name of “app-name”
   3. NPM is very important to create or run the react app. NPM will be automatically install with Node JS.
   4. We can check the version of Node and NPM both by typing below command in CMD: “node -v” for check the version of node and “npm -v” for check the version of npm in system.
8. How to check the version of React?
   1. To check the version of React, open the CMD in the root directory of project.
   2. In CMD type “npm list react” it will display the version of react like if your react version is 18.0.2 then it will show like [react@18.0.2](mailto:react@18.0.2)