Q:1 What is React Js?

React is a JavaScript library created by Facebook React is a User Interface (UI) library React is a tool for building UI components Babel is a JavaScript compiler that can translate markup or programming languages into JavaScript. React applications are usually built around a single HTML element. React developers often call this the root node (root element):

Q:2 What is NPM in React Js?

NPM is short for node package manager, an online directory that contains the various already registered open-source packages. NPM modules consume the various functions as a third-party package when installed into an app using the NPM command npm installed

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

NodeJS is a framework of JavaScript which is mainly used for working with the backend of our application or building the backend using JavaScript, whereas ReactJS is a JavaScript front-end library. It is mainly used for building the user interface or the frontend of our application.

Q:4 What is CLI command In React Js?

React CLI (aka rct) helps you to automate the most obvious tasks which we as developers used to do manually such as creating a new component by making a separate folder & then making component's jsx or css files manually. rct helps you out with these kind of tasks by providing you simple to use command line tool.

Q: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.

Q: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.

Q:7 How to install React Js on Windows, linux Operating System?

How to install NPM and How to check version of NPM? Reusable Components: A single React app consists of many components each component have their own logic and code but we can easily reuse components any number of time hence reducing the developers time and increasing the efficiency of work Debugging: React app can be easily debug using “react developer tools”.It’s a browser extension that can be used for both chrome as well as Firefox. Step 1: Install Node.js installer for windows. Click on this link. Here install the LTS version (the one present on the left). Once downloaded open NodeJS without disturbing other settings, click on the Next button until it’s completely installed. Step 2: Open command prompt to check whether it is completely installed or not type the command –> node -v Step 3: Now in the terminal run the below command: npm install -g create-react-app Step 4:Now Create a new folder where you want to make your react app using the below command: mkdir newfolder Now inside this folder run the command –> create-react-app reactfirst YOUR\_APP\_NAME Step 6: Now open the IDE of your choice for eg. Visual studio code and open the folder where you have installed the react app newfolder (in the above example) inside the folder you will see your app’s name reactapp (In our example). Use the terminal and move inside your app name folder.Use command cd reactapp (your app name) Step 7: To start your app run the below command : npm start

Q:8 How to check version of React Js?

Open the package. json. Take a look under the dependencies section. It should list all of the dependencies of your project and one of those should be React.

Q:9 How to change in components of React Js?

To change the state of the React component is useful when you are working on a single page application, it simply replaces the content of the existing component for the user without reloading the webpage. Syntax: this.setState({ stateName : new-state-value}) this.setState(st => { st.stateName = new-state-value })

Q:10 • How to Create a List View in React Js?

The ListView Component is an inbuilt React Native view component that displays a list of items in a vertically scrollable list. It requires a ListView.DataSource API to populate a simple array of data blobs and instantiate the ListView component with a data source and a renderRow callback.

Q:11 Create Increment decrement state change by button click?

When you click the plus button, It will increase the input value by 1. When you click the minus button, It will decrease the input value by 1. You can click both buttons multiple times to increase or decrease the input value multiple times by 1.