1. What is React Js?

Ans: The React.js framework is an open-source JavaScript framework and library developed by Facebook. It's used for building interactive user interfaces and web applications quickly and efficiently with significantly less code than you would with vanilla JavaScript.

2. What is NPM in React Js?

Ans: In React, NPM (Node Package Manager) is a popular package manager that is used to manage and install the necessary packages and dependencies for a React project. NPM is built on top of Node.js and is widely used in the JavaScript community.

When you create a new React project, it comes with a package.json file that lists all the dependencies required for the project to work. These dependencies can be installed using NPM, which will download and install them in the project directory.

3. What is Role of Node Js in react Js?

Ans: In a React project, Node.js is often used as a development server to run the application locally during development. Node.js provides a simple command-line interface for starting and stopping the server, which makes it easy to test and debug React components.

4. What is CLI command In React Js?

Ans: React provides a command-line interface (CLI) tool called create-react-app that is used to create a new React project with a pre-configured setup. This tool automates the process of setting up a new React project, including installing all the necessary dependencies and configuring the project to work with the development server.

5. What is Components in React Js?

Ans: Components are the building blocks of a React application. They are reusable and independent pieces of UI that can be composed together to form a larger UI. In React, a component can be either a function component or a class component.

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

Ans: In React, Header and Content components are commonly used to create the layout and structure of a web page.

The Header component typically contains the branding, navigation, and other elements that are consistent across multiple pages of the website. This component is often created as a separate reusable component that can be used across multiple pages.

The Content component, on the other hand, contains the main content of the web page. It is responsible for displaying the data or information specific to each page of the website. This component is often created as a separate component for each page, and is rendered dynamically based on the current URL or route.

7. How to install React Js on Windows, linux Operating System? How to install NPM and How to check version of NPM?

Ans: download and install Node,

start your terminal/command prompt and run node -v and npm -v to see which versions you have.

later Install Create-React-App follow the command: npx create-react-app my-app and Run the App You Created with Create-React-App.

and finally run npm start to see your app live on localhost: npm start.

8. How to check version of React Js?

Ans: We can easily check the React version by using the command mentioned below on our command line.

Syntax : npm view react version