React-Assignment

1. What is React Js?

Ans: React.js is a popular open-source JavaScript library for building user interfaces. It was developed and is maintained by Facebook. React allows developers to create reusable UI components and efficiently update and render them when data changes.

2. What is NPM in React Js?

Ans: NPM (Node Package Manager) is a package manager for the Node.js environment. It is used to install, share, and manage third-party packages and dependencies for React.js applications. NPM allows developers to easily add external libraries and tools to their projects.

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

Ans: Node.js plays a crucial role in React.js development. While React.js is primarily focused on building user interfaces for the client-side (browser), Node.js is used for server-side rendering (SSR) of React applications. This helps in improving the initial load time and search engine optimization (SEO) of React apps.

4. What is CLI command In React Js?

Ans: In React.js, the CLI (Command Line Interface) command refers to the "create-react-app" command. This command is used to create a new React application with a pre-configured development environment. It sets up a modern build setup with no configuration needed.

5. What is Components in React Js?

Ans: Components are the building blocks of React applications. They are reusable and independent pieces of code that represent a part of the user interface. Components can be combined to create complex UIs, and they can manage their own state and lifecycle.

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

Ans: Header and Content are common types of components in React.js applications. The Header component typically represents the top section of a web page or application, containing navigation menus, logos, and other branding elements. The Content component, on the other hand, represents the main area where the core content of the application is displayed.

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

Ans: To install React.js on Windows or Linux, you need to have Node.js installed on your system. Once Node.js is installed, you can use the Node Package Manager (NPM) to install React.js and its related packages. To check the version of NPM, open your terminal or command prompt and run the command "npm -v".

8. How to check version of React Js?

Ans: To check the version of React.js installed in your project, open your terminal or command prompt, navigate to your project directory, and run the command "npm list react". This will display the installed version of the React.js package.

9. How to change in components of React Js?

Ans: Components in React.js can be modified by editing the corresponding JavaScript files that define the component. You can change the component's structure, add or remove props, update the state, or modify the rendered output by making changes to the component's code.

10. How to Create a List View in React Js?

Ans: To create a list view in React.js, you can use the built-in array mapping functionality. First, you need to have an array of data that you want to display in the list. Then, you can use the map() method to iterate over the array and render a list item component for each element in the array.