***React Js***

1. ***What is React Js?***

ReactJS, often referred to as React, is an open-source JavaScript library created by Facebook for building user interfaces, particularly for single-page applications (SPAs).

1. ***What is NPM in React Js?***

NPM, or Node Package Manager, is a package manager for JavaScript used in ReactJS development. It provides a vast ecosystem of reusable libraries and tools that developers can utilize to enhance their React applications.

1. ***What is the Role of Node Js in React Js?***

Node.js plays a crucial role in ReactJS development, particularly in the areas of setting up the development environment, managing dependencies, and facilitating server-side rendering (SSR).

1. ***What is CLI command In React Js?***

In ReactJS development, CLI (Command Line Interface) commands are used to streamline various development tasks, such as project scaffolding, dependency management, and build processes. One popular CLI tool used in ReactJS development is create-react-app.

1. ***What is Components in React Js?***

In ReactJS, components are the building blocks used to create user interfaces. A component encapsulates reusable code that defines a part of the UI. Components can range from simple, like a button or a text input field, to complex, like an entire page or application. React components can be either class components or functional components.

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

In a typical ReactJS application, the Header and Content components might be used to organize the layout and structure of the user interface. The Header component could contain elements such as the application logo, navigation links, or user authentication controls. The Content component, on the other hand, could contain the main content of the application, such as articles, posts, or other interactive elements.

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

To install ReactJS on Windows, Linux, or any other operating system, you first need to have Node.js installed. Node.js includes npm (Node Package Manager),

*Install Node.js:* Visit the official Node.js website (https://nodejs.org/) and download the installer for your operating system.

*Once Node.js* is installed, you can create a new React project using the create-react-app tool.

*npx create-react-app my-app*

To start the development server and view your React application in the browser, run:

*npm start*

1. **How to change in components of React Js?**

To make changes to components in a ReactJS application, you would typically edit the JSX code files associated with those components. JSX is a syntax extension for JavaScript that allows you to write HTML-like code within JavaScript files. You can modify the JSX code of your components to add, remove, or update elements as needed.