1. What is React Js?

* 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.

1. What is NPM in React Js?

* "npm" stands for Node Package Manager.
* It's a library and registry for JavaScript software packages.
* "npm" also has command-line tools to help you install the different packages and manage their dependencies.

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

* Node is the most popular platform for hosting and running web servers for React apps.
* After all, using NPM (Node Package Manager), you can install any package with NPM command-line interface CLI.
* Moreover, Node utilizes Webpack and other modules to turn a React application into an easily compilable single file.

1. What is CLI command In React Js?

* Package managers like npm and yarn are distributed and ingested across multiple platforms.
* We probably have used a CLI to install or configure software or automate repetitive tasks.
* Command-line interfaces (CLIs) built-in Node.js authorize automating repetitive tasks while leveraging the Node.js ecosystem.

1. What is Components in React Js?

* Components come in two types, Class components and Function components.
* Components are independent and reusable bits of code.
* They serve the same purpose as JavaScript functions, but work in isolation and return HTML.

1. 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.

1. How to install React Js on Windows, Linux Operating System?

* **Install React on Windows OS**

Step 1: Install Node.js installer for windows.

Click on this Link. Here install the LTS (Long Time Support) version

Step 2: Install React js in Windows npx create-react-app my-app

Step 3: Create and Launch Your First React Application

create-react-app my-app

cd my-app

npm start

* **Install React on Linux OS**

Step 1: Install npm

sudo apt install npm

Step 2: Install create-react-app Utility sudo npm -g install create-react-app

Step 3: Create and Launch Your First React Application

create-react-app my-app

cd my-app

npm start

1. How to Install NPM and How to check version of NPM?

* After successfully installation of Node.js type "node -v" in command prompt to check version of NPM .

1. How to check version of React Js?

* There are three way to check React JS version :-

Using package.json file:

* + npx create-react-app name\_of\_the\_app
  + After create app, We can found package.json file, and version is mentioned in this file.

Using the command line:

* + npm view react version

Using the version property of default import from React:

import React from 'react';

const App = () => {

return <h1>

We are currently using react version {React.version}

</h1>

}

export default App;

10. How to change in components of React Js?

* A simple update of the state, from anywhere in the code, causes all the User Interface (UI) elements to be re-rendered automatically.
* React components automatically re-render whenever there is a change in their state or props.
* However, there may be cases where the render() method depends on some other data.

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

* The following section explains the required steps to build the simple ListView component with its basic usage in step by step procedure.
  + Dependencies
  + Installation and Configuration
  + Adding Syncfusion packages
  + Adding ListView component
  + Adding CSS Reference
  + Bind dataSource
  + Running the application