1. **What is React Js?**

React.js, more commonly known as React, is a free, open-source JavaScript library. It works best to build user interfaces by combining sections of code (components) into full websites. React is that you can use it as much or as little as you want! React.js is built using JSX – A combination of JavaScript and XML. Elements are created using JSX, then use JavaScript to render them on your site. While React has a steep learning curve for a junior developer, it’s quickly shaping into one of the most popular and in-demand JavaScript libraries.

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

NPM stand FOR Node Package Manager.it is a package manager for JavaScript.It is the default pacage manager that comes with Node.js when you install it.it consists of a command-line interface and an online database of public pacages and private pacages that are paid which is called the npm Registry.

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?**

CLI (Command Line Interface) tools in React are command-line tools that help developers automate repetitive tasks and streamline their development workflow. They are typically used to create, build, test, and deploy React applications from the command line.

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

Components let you split the UI into independent, reusable pieces, and think about each piece in isolationcomponents are like JavaScript functions. They accept props inputs and return React elements .

function Welcome(props) {

return <h1>Hello, {props.name}</h1>;

}

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

A header is a section at the top of a page that displays site name and navigation.  It’s used for developing single page, mobile, and server-rendered applications.

A component content management system (CCMS) is a [content management system](https://en.wikipedia.org/wiki/Content_management_system) that manages content at a granular level (component) rather than at the document level. Each component represents a single topic, concept or asset (for example an image, table, product description, a procedure).

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

Step 1: Install Node.js installer for windows.

=> 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.

=> Step 5: Now inside this folder run the command:- create-react-app reactfirst YOUR\_APP\_NAME.

=> Step 6: Open Project Folder.

=> Step 7: To start your app run the below command :- npm start.

1. **How to check version of React Js?**

To check which React version is your project using you need to 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.

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

setState() setState() enqueues changes to the component state and tells React that this component and its children need to be re-rendered with the updated state. This is the primary method you use to update the user interface in response to event handlers and server responses.