

MODULE - 1

React : Components - State - Props

(1) What is React Js?

--> react is a javascript library and created by facebook.
react is a single page application and user interface library. react is a free and open-source library.

(2) What is NPM in React Js?

--> NPM stands for Node Package Manager. it is used to install , uninstall , update and manage javascript packages.

(3) What is Role of Node Js in react Js?

--> Node for a create web application using react and js.
it is used and handle the heavy server load and request.
we can easy to work in react and js using node js.

(4) What is CLI command In React Js?

--> CLI means Command Line Interface. Command line is used to create a runnable version of a react application.

(5) What are Components in React Js?

--> Components are a reusable piece of code, we can use them again and again in react like function calling. There are two types of Components:

(1) Class Components

(2) Function Components

(6) What are Header and Content Components in React Js?

--> **Header Components** : Header Component is also navbar Component. We can use Header Components to create navbar and we can create this component on our own.

--> **Content Components** : A Content Component is called a body Component. Our HTML body is also a Content Component.

(7) How to install React Js on Windows, Linux Operating System? How to install NPM and how to check version of

NPM?

--> there are some steps of install react js on windows, linux
Operating system :

(1) install node and npm (npm install).

(2) create project and give the project name (npm
install create-react-app myapp) .

(3) Set your project path on your console(cd myapp)

(4) run your project (npm start).

--> we must be use this command for install npm : npm
install.

--> we must be use this command for check npm version :
node -v.

--> now npm latest version is : 10.2.4

(8) How to check version of React Js?

--> there some types of check react version:

(1) Using package.json file.

(2) Using the Command line (npm view react version).

(3) Using the version property of default import from
react.

(9) How to change in components of React Js?

--> we can change in components of react js using hooks.

--> we must be use `setState()` for change in components of react js becouse setstate is used to set the state and it is also know about its updates and it is coll the `render()` method.