**MODULE: 9 ReactJs Intro**

* **What is React Js?**

**=>** React. js is an open-source JavaScript library, crafted with precision by Facebook, that aims to simplify the intricate process of building interactive user interfaces.

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

**=>** The command npm is used to download JavaScript packages from Node Package Manager, and npx is used to execute JavaScript packages downloaded this way. This command will download the NPM package create-react-app to a subdirectory of the current working directory.

* **What is Role of Node Js in react Js?**

**=>** React renders UI components on the frontend, while Node. js manages server-side data communication. The synergy between React and Node. js creates a cohesive and responsive web application.

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

**=>** React has its own command-line interface (CLI) commands. However, these CLI commands are currently only used to create a passable version of a react application using the command line.

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

**=>** Components are independent and reusable bits of code. They serve the same purpose as JavaScript functions, but work in isolation and return HTML. Components come in two types, Class components and Function components, in this tutorial we will concentrate on Function components.

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

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

**=>** To Install React on Windows

Step 1: Install Node. js and npm.

Step 2: Install Create React App.

Step 3: Create a New React Project.

Step 4: Go To the Project Directory and Start the Development Server.

=> To install and start npm

Install Node.js and NPM on Windows via Node.js Installer.

Step 1: Download Node.js Installer.

Step 2: Install Node.js and NPM.

Step 3: Verify Installation.

=> to check the version of an installed npm package is by using the “npm list” command.

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

**=>** Step 1: You can check React JS version directly by visiting the JSON file. ...

Step 2: Another simple method to check React latest version is by navigating to the node\_modules/react/cjs/react.

* **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.