Why are we using react?

1. Good handling the view layer using virtual DOM
2. To fast
3. We can create reusable components
4. It will automatically refresh the page because here they are using Virtual DOM
5. React js (Web Application)
6. React Native (Mobile Application)

Software required for react js:

One editor -- Visual studio Code

Node js –

JavaScript run time environment.

This enables to execute JS scripts without a browser.

Any browser

Create a NodeJS project:

create a folder for the project

and inside that folder we run 'npm init’ (node package manager)

npm also written in javascript. It must run while developing on the developer machine and hence NodeJS is used as a dev platform.

React Js:

Is a javascript library to construct SPAs.

SPA(Single Page Application): It has only one page. It is written in client side executable libraries like react js.

Feature :

JSX - JavaScript Syntax Extended (Javascript +HTML)

All html attributes must follow camel case:

onclick onClick