**React:**

Installation

* Download and Install npm from <https://nodejs.org/en/>
* Open cmd : npm install create-react-app -g
* Go to folder location where to want to create react app in cmd than

create-react-app react-complete-app --scripts-version 1.1.5.

* Cd your project name and do npm start its will start locals server.(don’t close cmd)
* Open visual studio and open folder where you created your project .

Quick Start:

React is all about components.

Components: Components are the core building block of React apps. Actually, react really is just a library for creating components in its core.

Var in react :

Let :any var

Const :constant var

What is state : State is used to dynamically change value of component.

State Syntax:

 state = {

    persons: [

      {name :"max" , age :29} ,

      {name :"senti",age :28} ,

      {name :"sonam" ,age :25}

    ]

  }

**update state :**

 this.setState(

      {

        persons: [

          {name :"maxmilian" , age :30} ,

          {name :"senti",age :28} ,

          {name :"sonam" ,age :21}

        ]

      }

    )

**Note: State can only be defined in class which extends component**

After React 16 or later in functional component also you can change state using React Hook.

* Fisrt imprort useState(on of react hook) from react
* Now call useState inside any function
* In this you can have multiple usestate as its not in class state