**REACT DOCUMENTATION**

1 -> Prerequisites – npm (<https://nodejs.org/en/>)

create-react-app module (<https://github.com/facebook/create-react-app>)

text editor (<https://www.sublimetext.com/3>)

IDE – Microsoft Visual Studio Code ([https://code.visualstudio.com/docs/?dv=win)](https://code.visualstudio.com/docs/?dv=win) also install other plugins.

use GitBash as command line editor.

2 ->Installing create-react-app module – $ npm install -g create-react-app

3->Creating React Project – $ create-react-app appname

4->Running server - $npm start (port : 3000)

5->React uses JSX, So understand JSX

6-> Creating a component – Create a normal js file , write the html code and export it to use it in other pages.

7 ->Full course refer : <https://www.udemy.com/react-the-complete-guide-incl-redux/>

8-> props – it’s a formal parameter to access the arguments passed within component like porps.name , props.age etc... also children elements are accessed by props.children (<p name=”” age=””>this is a children</p>).

9->states – to store variable in JSON format

state={

persons:[

{ name: 'sai',age:'21' },

{ name: 'abc', age:'27' }

]

}

10-> Setstate – to dynamically set states on some event triggers.

this.setState({

persons: [

{ name: 'lol', age: '21' },

{ name: 'cdef', age: '27' }

]

})

11-> Displaying dynamically –

<Person name = {this.state.persons[0].name} age = {this.state.persons[0].age} > This is child one </Person>

12-> Passing reference .. from one js to another (Refer Video 043)

<Person name = "abc" age = "22" click={this.btnclick}>hello child</Person>

<p onClick={props.click}>{props.children}</p>