**React Js**

* **What is React Js?**
* React is a JavaScript library for building user interfaces. React is used to build single-page applications. React allows us to create reusable UI components.
* **What is NPM in React Js?**
* NPM is short for node package manager, an online directory that contains the various already registered open-source packages. NPM modules consume the various functions as a third-party package when installed into an app using the NPM command npm install .
* **What is Role of Node Js in react Js?**
* Node is the most popular platform for hosting and running web servers for React apps.
* **What is CLI command In React Js?**
* The CLI will be used to create a Node. js microservice project. It will be similar to how the create-react-app works in that you can run it using npx or just install it as a global package.
* **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.
* **What is Header and Content Components in React Js?**
* In head tag we by using jumbo tron , nav , or title etc, are the header components & other details of website written after that header section which include footer ,functions,other js file that known as content component.
* **How to install React Js on Windows, linux Operating System? How to install NPM and How to check version of NPM?**
* **Install React in Window :** npm install -g create-react-app
* **Install React in Linux :** sudo npm -g install create-react-app
* **Install NPM :** Download Node.js and NPM from Browser and Install NPM.
* **Check Version NPM :** npm -v
* **How to check version of React Js?**
* To check which React version is your project using you need to open the package. json. Take a look under the dependencies section.
* **Command :** npm view react version
* **How to change in components of React Js?**
* Updatestate, Props, Conditional rendarering, lifecycle method(Class Component)
* **How to Create a List View in React Js?**

import './list.css';

import { dt } from './data';

function List(){

        const fetchdata=()=>{

                {

                        let htm="";

                        dt.map((v)=>{

                                htm=htm+

                                `<div">

                                        <p">${v.name}<p/>

                                </div>`

                        });

                        document.getElementById("d").innerHTML=htm;

                }

        }

        return(

                <>

                <button onClick={fetchdata}>print</button>

                <div id='d'></div>

                </>

        )

}

export default List;

export const dt=[

        {

                "name":"Use Array.map"

        },

        {

                "name":"Not a for loop"

        },

        {

                "name":"Give each item a unique key"

        },

        {

                "name":"Avoid using array index as the key"

        }

]

* **Create Increment decrement state change by button click?**

import React from "react";

class Incre extends React.Component{

        //create state

        state ={num:0}

        inc = ()=>{

                // increment number

                this.setState({num:this.state.num+1})

        }

        dec = ()=>{

                // decrement number

                this.setState({num:this.state.num-1})

        }

        res = ()=>{

                // Reset number

                this.setState({num:0})

        }

        render(){

                return(

                        <>

                        {/\* call icrement function in button click and increment your number\*/}

                        <button onClick={this.inc}>Increment</button>

                        {/\* call decrement function in button click and decrement your number\*/}

                        <button onClick={this.dec}>Decrement</button>

                        {/\* call Reset function in button click and Reset your number\*/}

                        <button onClick={this.res}>Reset</button>

                        {/\* print state value \*/}

                        <h1>{this.state.num}</h1>

                        </>

                )

        }

}

export default Incre;