CLASS COMPONENT

// #############   State with class component   ############ //

// What was a State & why So Used us?

// Answer: - State is a data container just like: - (var, let,const) And state it's use for the component data rendering us for data change.

import React, { Component } from 'react';  /\* Using Class component So Use An Component from React Library \*/

import logo from './logo.svg';

import './App.css';

class App extends Component {      /\* Class Extends Component  for Library \*/

  constructor() {                /\* This constructor is used to Javascripts & super is used

                                    for call any type of Classes like:- (Parent's & children's) \*/

    super();

    this.state = {              /\*\* this is used for our own constructor \*/

      data: "lucky"

    }

  }

  Apple() {

    this.setState({ data: "bandhey" })

  }

  render() {                       /\* Render used to Class \*/

    return (

      <div className="App">

        <h1>{this.state.data}</h1>

        <button onClick={() => this.Apple()}>Update Data</button>

      </div>

    );

  }

}

export default App;

FUNCTIONAL COMPONENT

// #############   State with functional component   ############  //

// What was a State & why So Used us?

// Answer: - State is a data container just like: - (var, let, const) And state it's use for the component data rerending us for data change.

import {useState} from 'react'; // use to State this form

import logo from './logo.svg';

import './App.css';

function App() {

  const [data,setData]=useState("Lucky") // ‘data is an State’, ‘setDate’ name for a const.

  function updateData()

  {

    setData("bandhey") // change for State Data.

  }

  console.warn("\_\_\_\_\_\_");

  return (

    <div className="App">

     <h1>{data}</h1>

     <button onClick={updateData}>Update Data</button>

    </div>

  );

}

export default App;

**Props(properties)**

**App.js /\* javascript file name App \*/**

// #############   props with functional component   ############  //

// What was a props & why So Used us?

// Answer: - **Basically** props is passing through the data into component. It’s used for data changing.

import React from 'react';

import logo from './logo.svg';

import './App.css';

import User from './User'

function App() {

    return (

      <div className="App">

        <h1>go go</h1>

        <User  Name={"lucky"} Email={"bandhey@gmail.com"}/>

        <User  Name={"bandhey"} Email={"bandhey01@gmail.com"}/>

      </div>

    );

  }

export default App;

**User.js /\* Javascript file name User this file is import App.js \*/**

function Apple(name) {

    console.log(name.Name); /\* (name.Name)==(Prop Name.context Name) \*/

    return (

        <div style={{ backgroundColor: "skyblue", color: "blue",margin:10}}>

            <h1>hello guy's {name.Name}</h1>

            <h2>hello guy's {name.Email}</h2>

        </div>

    );

}

export default Apple;

Get Input Box Value

import './App.css';

import React,{useState} from 'react';

function App(){

    const [data,setData]= useState(null);

    function getDate(val){

        setData(val.target.value);

    }

    return(

        <div className="App">

    <h1>Get Input Box value</h1>

    <p>{data}</p>

    <input type="text" onChange={getDate}/>

    </div>

    );

}

export default App;

Input Box Value get an Button

// Get Input Box Value for an button

import './App.css';

import React,{useState} from 'react';

function App(){

    const [data,setData]= useState(null);

    const [print,setPrint]= useState(false);

    function getDate(val){

        setData(val.target.value);

        setPrint(false);

    }

    return(

        <div className="App">

    <h1>Get Input Box value</h1>

    <div>

       {

           print?

           <h1>{data}</h1> // If Else Condition On a function

           :null

       }

    </div>

    <input type="text" onChange={getDate}/>

    <button onClick={()=>setPrint(true)}>Get Print</button>

    </div>

    );

}

export default App;

Values Are Show, hide & Toggle with function

// containts show, hide, toggle

import './App.css'

import React from 'react'

function App(){

    const [status,setStatus]=React.useState(false);

    return(

        <div className="App">

            {

                status? <h1>Hello World!</h1>:null

            }

            <button onClick={()=>setStatus(false)}>hide</button>

            <button onClick={()=>setStatus(true)}>show</button>

            <button onClick={()=>setStatus(!status)}>toggle</button>

        </div>

    );

}

export default App;

Form Handling

import React from "react";

import './App.css';

function App() {

    const [name,setName]= React.useState("");

    const [tnc,setTnc]= React.useState(false);

    const [like,setLike]= React.useState("")

    function getFromData(a){

        console.warn(name,tnc,like)

        a.preventDefault()

    }

    return (

        <div className="App">

            <h1>My Form</h1>

            <form onSubmit={getFromData}>

                <p><input type="text" placeholder="Enter Name" value={name} onChange={(a)=>setName(a.target.value)}/></p>

                <p><select onChange={(a)=>setLike(a.target.value)}>

                    <option>--Select Option--</option>

                    <option>MCU</option>

                    <option>DC</option>

                    <option>Disney</option>

                </select></p>

                <p><input type="checkbox" onChange={(a)=>setTnc(a.target.checked)}/>Accept All Term And Condition.</p>

                <button type="submit">Submit</button>

                <button>reset</button>

            </form>

        </div>

    );

}

export default App;

Conditional method

App.js

import './App.css';

import User from './User';

function App(){

    return(

        <div className="App">

            <User/>

        </div>

    );

}

export default App;

User.js :- Export App.js

//## this is if else condition ##//

import { useState } from 'react';

function Profile() {

    const [conditional, setCondition] = useState(false)

    return (

        <div>

// that’s condition is ternary operation

            {conditional ? <h2>hello bhai!</h2> : <h2>hii bhai!</h2>}

        </div>

    );

}

export default Profile;

//## this is if else if condition ##//

import { useState } from 'react';

function Profile() {

    const [conditional, setCondition] = useState(2)

// 1,2,3

    return (

        <div>

// that’s condition is ternary operation

            {conditional==1?<h2>hello bhai!</h2> :conditional==2? <h2>hii bhai!</h2>:<h2>bye bhai!</h2>}

        </div>

    );

}

export default Profile;

Form Validation Concept

App.js

import './App.css';

import Login from './Login';

import React from 'react';

function App(){

    return(

        <div className="App">

            <Login />

        </div>

    );

}

export default App;

Login.js :- new component

import React from "react";

import { useState } from "react";

function LoggedIn() {

    const [name, setName] = useState("")

    const [password, setPassword] = useState("")

    const [error, setError] = useState(false)

    const [errorPass, setErrorPass] = useState(false)

    function Submit(e) {

        if (name.length<=2 || password.length<=2) {

            alert("Enter Your Correct Validation")

        }

        else {

            alert("All Good :)")

        }

        e.preventDefault()

    }

    function Name(e) {

        let item = e.target.value;

        if (item.length <= 2) {

            setError(true)

        }

        else {

            setError(false)

        }

        setName(item)

    }

    function Password(e) {

        let item = e.target.value;

        if (item.length <= 2) {

            setErrorPass(true)

        }

        else {

            setErrorPass(false)

        }

        setPassword(item)

    }

    return (

        <div>

            <h1>Login Form</h1>

            <form onSubmit={Submit}>

                <input type="text" placeholder="Enter Name" onChange={Name} />

                {error ? <p>invaild</p> : ""}<br /><br />

                <input type="text" placeholder="Enter Password" onChange={Password} />

                {errorPass ? <p>invaild</p> : ""}<br /><br />

                <button>Submit</button>

            </form>

        </div>

    );

}

export default LoggedIn;