USESTATE CLASS\_18

import React, { useState } from 'react'

const App = () => {

  const[message,setMassage]=useState("Hiiii!!")

  return (

    <div>

      <h1>{message}</h1>

      <button onClick={()=>setMassage("Byee!!")}>click</button>

    </div>

  )

}

export default App

**USING CLASS COMPONENT**

import React, { Component } from 'react'

export default class App extends Component {

  constructor(){

    super()

    this.state = {message:"hii!!"}

  }

  changed(){

    this.setState({message:"Bye!!"})

  }

  render() {

    return (

      <div>

        <h1>{this.state.message}</h1>

        <button onClick={()=>{this.changed()}}>click</button>

      </div>

    )

  }

}

**Set count**

import React, { useEffect, useState } from 'react'

const App = () => {

  const[count,setCount]=useState(0)

  useEffect(()=>{

    document.title=`You clickes ${count} times`

  })

  return (

    <div>

      <h1>increment value is :{count}</h1>

      <button onClick={()=>setCount(count+1)}>click</button>

    </div>

  )

}

export default App

**USE STATE**

import React, { useEffect, useRef, useState } from 'react'

const App = () => {

  const[name,SetName]=useState("")

  const count=useRef(0)

  useEffect(()=>{

    count.current=count.current+1

  })

  return (

    <div>

      <input onChange={(e)=>SetName(e.target.value)} value={name}></input>

      <h1>my name is {name}</h1>

      <h1>renderout is :{count.current}</h1>

    </div>

  )

}

export default App

**Use Memo**

import React,{useState,useMemo} from 'react'

const App = () => {

  const[count,setCount]=useState(0)

  const countPower=((count)=>{

    return count\*\*2

  })

  const Result=useMemo(()=>countPower(count))

  return (

    <>

      <h1>count:{count}</h1>

      <h1>countPower:{Result}</h1>

      <button onClick={()=>setCount(count+1)}>click</button>

      </>

  )

}

export default App

**Using Callback**

import React, { useCallback, useState } from 'react'

const App = () => {

  const[count,setCount]=useState(0)

  const increment=useCallback(()=>{

    setCount(count+1)

  })

  return (

    <div>

      <h1>count:{count}</h1>

      <button onClick={increment}>click</button>

    </div>

  )

}

export default App