App.js

import logo from './logo.svg';

import './App.css';

function App() {

  return (

    <div className="App">

 <h1>

     This is a Demo showing several ways to implemet Conditional Rendering in React

  </h1>

  <button> Login </button>

  <button> Logout </button>

   </div>

  );

}

export default App;

import logo from './logo.svg';

import './App.css';

import { useState } from 'react';

function App() {

 const [IsLoggedIn, setIsLoggedIn]= useState(false);

 const renderAuthButton =()=>

 {

  console.log("IsLoggedIn" + IsLoggedIn)

    if(IsLoggedIn)

      return <button> Logout </button>

      else

      return <button> Login </button>

 }

  return (

    <div className="App">

 <h1>

     This is a Demo showing several ways to implemet Conditional Rendering in React

  </h1>

  {/\* <button> Login </button>

  <button> Logout </button> \*/}

  {renderAuthButton()}

   </div>

  );

}

export default App;

Add AuthButton.js

import logo from './logo.svg';

import './App.css';

import { useState } from 'react';

import { isLabelWithInternallyDisabledControl } from '@testing-library/user-event/dist/utils';

import AuthButton from './components/AuthButton';

function App() {

 const [IsLoggedIn, setIsLoggedIn]= useState(true);

 console.log(IsLoggedIn)

//  const renderAuthButton =()=>

//  {

//   console.log("IsLoggedIn" + IsLoggedIn)

//     if(IsLoggedIn)

//       return <button> Logout </button>

//       else

//       return <button> Login </button>

//  }

  return (

    <div className="App">

 <h1>

  IsLoggedIn {IsLoggedIn}

     This is a Demo showing several ways to implemet Conditional Rendering in React

  </h1>

  {/\* <button> Login </button>

  <button> Logout </button> \*/}

  {/\* {renderAuthButton()} \*/}

  <AuthButton IsLoggedIn={IsLoggedIn}/>

   </div>

  );

}

export default App;

Call AuthButton from App.js

import logo from './logo.svg';

import './App.css';

import { useState } from 'react';

import { isLabelWithInternallyDisabledControl } from '@testing-library/user-event/dist/utils';

import AuthButton from './components/AuthButton';

function App() {

 const [IsLoggedIn, setIsLoggedIn]= useState(true);

 console.log(IsLoggedIn)

//  const renderAuthButton =()=>

//  {

//   console.log("IsLoggedIn" + IsLoggedIn)

//     if(IsLoggedIn)

//       return <button> Logout </button>

//       else

//       return <button> Login </button>

//  }

  return (

    <div className="App">

 <h1>

  IsLoggedIn {IsLoggedIn}

     This is a Demo showing several ways to implemet Conditional Rendering in React

  </h1>

  {/\* <button> Login </button>

  <button> Logout </button> \*/}

  {/\* {renderAuthButton()} \*/}

  <AuthButton IsLoggedIn={IsLoggedIn}/>

   </div>

  );

}

export default App;

Element Variable

import logo from './logo.svg';

import './App.css';

import { useState } from 'react';

function App1() {

 const [IsLoggedIn, setIsLoggedIn]= useState(true);

 console.log(IsLoggedIn)

 let AuthButton;

 if(IsLoggedIn)

     AuthButton = <button> Logout</button>

 else

    AuthButton = <button> Login</button>

  return (

    <div className="App">

 <h1>

     This is a Demo showing several ways to implemet Conditional Rendering in React

  </h1>

  {AuthButton}

    </div>

  );

}

export default App1;

Ternary Opeartor

import logo from './logo.svg';

import './App.css';

import { useState } from 'react';

function App2() {

 const [IsLoggedIn, setIsLoggedIn]= useState(false);

 console.log(IsLoggedIn)

  return (

    <div className="App">

 <h1>

     This is a Demo showing several ways to implemet Conditional Rendering in React

  </h1>

   {IsLoggedIn ? <button> Logout </button> : <button> Login </button>}

     </div>

  );

}

export default App2;

Logical &&

import logo from './logo.svg';

import './App.css';

import { useState } from 'react';

function App3() {

 const [IsLoggedIn, setIsLoggedIn]= useState(true);

 console.log(IsLoggedIn)

  return (

    <div className="App">

 <h1>

     This is a Demo showing several ways to implemet Conditional Rendering in React

  </h1>

   {IsLoggedIn && <button> Logout </button>}

   {!IsLoggedIn && <button> Login </button>}

     </div>

  );

}

export default App3;