**App.js:**

import logo from './logo.svg';

import React, { useState } from 'react';

function LoginButton(props) {

  return (

    <button onClick={props.onClick}>

      Login

    </button>

  );

}

function LogoutButton(props) {

  return (

    <button onClick={props.onClick}>

      Logout

    </button>

  );

}

function UserGreeting() {

  return <h1>Welcome back</h1>;

}

function GuestGreeting() {

  return <h1>Please sign up.</h1>;

}

function Greeting(props) {

  const isLoggedIn = props.isLoggedIn;

  if (isLoggedIn) {

    return <UserGreeting />;

  }

  return <GuestGreeting />;

}

function App() {

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

  let button;

  if (isLoggedIn) {

    button = <LogoutButton onClick={() => setIsLoggedIn(false)} />;

  } else {

    button = <LoginButton onClick={() => setIsLoggedIn(true)} />;

  }

  return (

    <div>

      <Greeting isLoggedIn={isLoggedIn} />

      {button}

    </div>

  );

}

export default App;

**Output:**



