### App.js

import React, { useState } from 'react';import GuestPage from './GuestPage';import UserPage from './UserPage';import LoginButton from './LoginButton';import LogoutButton from './LogoutButton';

function App() {

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

const handleLogin = () => setIsLoggedIn(true);

const handleLogout = () => setIsLoggedIn(false);

// Element variable for conditional button rendering

let button = isLoggedIn

? <LogoutButton onClick={handleLogout} />

: <LoginButton onClick={handleLogin} />;

return (

<div className="App">

<h1>Ticket Booking App</h1>

{button}

{isLoggedIn ? <UserPage /> : <GuestPage />}

</div>

);

}

export default App;

LoginButton.js

import React from 'react';

function LoginButton({ onClick }) {

return (

<button onClick={onClick}>

Login

</button>

);

}

export default LoginButton;

LogoutButton.js

import React from 'react';

function LogoutButton({ onClick }) {

return (

<button onClick={onClick}>

Logout

</button>

);

}

export default LogoutButton;

GuestPage.js

import React from 'react';

function GuestPage() {

return (

<div>

<h2>Welcome Guest</h2>

<p>Browse available flight details:</p>

<ul>

<li>Flight A - 9:00 AM</li>

<li>Flight B - 1:00 PM</li>

<li>Flight C - 6:30 PM</li>

</ul>

</div>

);

}

export default GuestPage;

UserPage.js

import React from 'react';

function UserPage() {

return (

<div>

<h2>Welcome User</h2>

<p>You can now book your flights.</p>

<button>Book Now</button>

</div>

);

}

export default UserPage;

**OUTPUT:**



