**12. ReactJS-HOL**

**App.js**

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 Greeting(props) {

  const isLoggedIn = props.isLoggedIn;

  if (isLoggedIn) {

    return <UserGreeting />;

  }

  return <GuestGreeting />;

}

function GuestGreeting() {

  return (

    <div>

      <h2>Welcome, Guest! </h2>

      <p>Log in to book tickets.</p>

    </div>

  );

}

function UserGreeting() {

  return (

    <div>

      <h2>Welcome back, User! </h2>

      <BookTicket />

    </div>

  );

}

function BookTicket() {

  const handleBook = () => {

    alert('Ticket Booked Successfully!');

  };

  return (

    <div>

      <button onClick={handleBook}>Book Ticket</button>

    </div>

  );

}

function App() {

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

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

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

  return (

    <div className="App" style={{ padding: '20px', fontFamily: 'Arial' }}>

      <h1>Ticket Booking App</h1>

      {isLoggedIn ? (

        <LogoutButton onClick={handleLogoutClick} />

      ) : (

        <LoginButton onClick={handleLoginClick} />

      )}

      <Greeting isLoggedIn={isLoggedIn} />

    </div>

  );

}

export default App;

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AI-generated content may be incorrect.

A black rectangular object with a white background

AI-generated content may be incorrect.