**12. ReactJS-HOL**

**App.jsx**

import React, { useState } from 'react';

import GuestPage from './components/GuestPage';

import UserPage from './components/UserPage';

import FlightList from './components/FlightList';

import LoginButton from './components/LoginButton';

import LogoutButton from './components/LogoutButton';

function App() {

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

  return (

    <div style={{ padding: 20 }}>

      <h1>Ticket Booking App</h1>

      {isLoggedIn ? (

        <>

          <UserPage />

          <LogoutButton onLogout={() => setIsLoggedIn(false)} />

        </>

      ) : (

        <>

          <GuestPage />

          <LoginButton onLogin={() => setIsLoggedIn(true)} />

        </>

      )}

      <hr />

      <FlightList />

    </div>

  );

}

export default App;

**main.jsx**

import { StrictMode } from 'react'

import { createRoot } from 'react-dom/client'

import './index.css'

import App from './App.jsx'

createRoot(document.getElementById('root')).render(

  <StrictMode>

    <App />

  </StrictMode>,

)

**FlightList.jsx**

import React from 'react';

const flights = [

  { id: 1, from: 'Chennai', to: 'Delhi', time: '10:00 AM' },

  { id: 2, from: 'Mumbai', to: 'Bangalore', time: '2:00 PM' },

];

function FlightList() {

  return (

    <div>

      <h2>Available Flights</h2>

      <ul>

        {flights.map(flight => (

          <li key={flight.id}>

            {flight.from} → {flight.to} at {flight.time}

          </li>

        ))}

      </ul>

    </div>

  );

}

export default FlightList;

**GuestPage.jsx**

import React from 'react';

function GuestPage() {

  return (

    <div>

      <h3>Welcome, Guest!</h3>

      <p>Please login to book tickets.</p>

    </div>

  );

}

export default GuestPage;

**LoginButton.jsx**

import React from 'react';

function LoginButton({ onLogin }) {

  return <button onClick={onLogin}>Login</button>;

}

export default LoginButton;

**LogoutButton.jsx**

import React from 'react';

function LogoutButton({ onLogout }) {

  return <button onClick={onLogout}>Logout</button>;

}

export default LogoutButton;

**UserPage.jsx**

import React from 'react';

function UserPage() {

  return (

    <div>

      <h3>Welcome, User!</h3>

      <p>You can now book your flight tickets.</p>

    </div>

  );

}

export default UserPage;

**OUTPUT:**



