**12. ReactJS-HOL**

App.js

import React, { useState } from "react";

import Greeting from "./Greeting";

import LoginButton from "./LoginButton";

import LogoutButton from "./LogoutButton";

import FlightList from "./FlightList";

import BookingForm from "./BookingForm";

function App() {

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

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

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

let button = isLoggedIn ? (

<LogoutButton onClick={handleLogoutClick} />

) : (

<LoginButton onClick={handleLoginClick} />

);

return (

<div style={{ textAlign: "center", padding: "20px" }}>

<Greeting isLoggedIn={isLoggedIn} />

{button}

<FlightList />

{isLoggedIn && <BookingForm />}

</div>

);

}

export default App;

Greeting.js

import React from "react";

import UserGreeting from "./UserGreeting";

import GuestGreeting from "./GuestGreeting";

function Greeting(props) {

const isLoggedIn = props.isLoggedIn;

if (isLoggedIn) {

return <UserGreeting />;

}

return <GuestGreeting />;

}

export default Greeting;

GuestGreeting.js

import React from "react";

function GuestGreeting() {

return <h1>Please sign up.</h1>;

}

export default GuestGreeting;

UserGreeting.js

import React from "react";

function UserGreeting() {

return <h1>Welcome back</h1>;

}

export default UserGreeting;

LoginButton.js

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{button}

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</div>

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LogoutButton.js

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<div style={{ textAlign: "center", padding: "20px" }}>

<Greeting isLoggedIn={isLoggedIn} />

{button}

<FlightList />

{isLoggedIn && <BookingForm />}

</div>

);

}

export default App;

FlightList.js

import React from "react";

const flights = [

{ id: 1, from: "Delhi", to: "Mumbai", time: "10:00 AM" },

{ id: 2, from: "Kolkata", to: "Bangalore", time: "2:00 PM" },

{ id: 3, from: "Chennai", to: "Hyderabad", time: "6:30 PM" },

];

function FlightList() {

return (

<div style={{ marginTop: "30px" }}>

<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;

BookingForm.js

import React, { useState } from "react";

function BookingForm() {

const [flightId, setFlightId] = useState("");

const [passengerName, setPassengerName] = useState("");

const handleSubmit = (e) => {

e.preventDefault();

alert(`Ticket booked for ${passengerName} on flight ${flightId}`);

};

return (

<div style={{ marginTop: "20px" }}>

<h2>Book Your Ticket</h2>

<form onSubmit={handleSubmit}>

<label>

Flight ID:

<input

type="text"

value={flightId}

onChange={(e) => setFlightId(e.target.value)}

/>

</label>

<br />

<br />

<label>

Passenger Name:

<input

type="text"

value={passengerName}

onChange={(e) => setPassengerName(e.target.value)}

/>

</label>

<br />

<br />

<button type="submit">Book</button>

</form>

</div>

);

}

export default BookingForm;







