**React 12**

**Aim:** Create a React Application named “ticketbookingapp” where the guest user can browse the page where the flight details are displayed whereas the logged in user only can book tickets.

The Login and Logout buttons should accordingly display different pages. Once the user is logged in the User page should be displayed. When the user clicks on Logout, the Guest page should be displayed**.**

**Guestpage.js:**

import React from "react";

function GuestPage() {

  return (

    <div className="card">

      <h2>Welcome, Guest 👋</h2>

      <p>You can browse available flights below:</p>

      <ul>

        <li>Hyderabad → Delhi - 8:00 AM</li>

        <li>Chennai → Bangalore - 2:00 PM</li>

        <li>Mumbai → Kolkata - 6:30 PM</li>

      </ul>

      <p>🔒 Please login to book your ticket.</p>

    </div>

  );

}

export default GuestPage;

**Userpage.js:**

import React from "react";

function UserPage() {

  function handleBooking(flight) {

    alert(`✅ Ticket booked for: ${flight}`);

  }

  return (

    <div className="card">

      <h2>Welcome! Book your flight:</h2>

      <ul>

        <li>

          Hyderabad → Delhi - 8:00 AM

          <button className="book-btn" onClick={() => handleBooking("Hyderabad → Delhi")}>

            Book Now

          </button>

        </li>

        <li>

          Chennai → Bangalore - 2:00 PM

          <button className="book-btn" onClick={() => handleBooking("Chennai → Bangalore")}>

            Book Now

          </button>

        </li>

        <li>

          Mumbai → Kolkata - 6:30 PM

          <button className="book-btn" onClick={() => handleBooking("Mumbai → Kolkata")}>

            Book Now

          </button>

        </li>

      </ul>

    </div>

  );

}

export default UserPage;

**Login.js:**

import React, { useState } from "react";

function Login({ onLoginSuccess }) {

  const [email, setEmail] = useState("");

  const [password, setPassword] = useState("");

  const handleLogin = (e) => {

    e.preventDefault();

    const storedEmail = localStorage.getItem("userEmail");

    const storedPassword = localStorage.getItem("userPassword");

    if (email === storedEmail && password === storedPassword) {

      onLoginSuccess();

    } else {

      alert("❌ Invalid email or password");

    }

  };

  return (

    <div className="card">

      <h2>🔐 Login</h2>

      <form onSubmit={handleLogin} className="login-form">

        <input

          type="email"

          placeholder="Enter your email"

          value={email}

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

          required

        />

        <input

          type="password"

          placeholder="Enter password"

          value={password}

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

          required

        />

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

      </form>

    </div>

  );

}

export default Login;

**Sign in.js:**

import React, { useState } from "react";

function SignIn({ onSuccess }) {

  const [email, setEmail] = useState("");

  const [password, setPassword] = useState("");

  const handleSignIn = (e) => {

    e.preventDefault();

    if (email && password) {

      localStorage.setItem("userEmail", email);

      localStorage.setItem("userPassword", password);

      alert("✅ Sign In successful! Please login.");

      onSuccess();

    } else {

      alert("❗ Please enter both email and password");

    }

  };

  return (

    <div className="card">

      <h2>📝 Sign In</h2>

      <form onSubmit={handleSignIn} className="login-form">

        <input

          type="email"

          placeholder="Enter new email"

          value={email}

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

          required

        />

        <input

          type="password"

          placeholder="Set password"

          value={password}

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

          required

        />

        <button type="submit">Create Account</button>

      </form>

    </div>

  );

}

export default SignIn;

**App.js:**

import React, { useState } from "react";

import SignIn from "./components/signin";

import Login from "./components/login";

import GuestPage from "./components/guestpage";

import UserPage from "./components/userpage";

import "./App.css";

function App() {

  const [page, setPage] = useState("guest"); // guest | signin | login | user

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

  const handleLoginSuccess = () => {

    setIsLoggedIn(true);

    setPage("user");

  };

  const handleLogout = () => {

    setIsLoggedIn(false);

    setPage("guest");

  };

  return (

    <div className="app">

      <h1>✈️ Flight Ticket Booking</h1>

      <div className="button-bar">

        {!isLoggedIn && (

          <>

            <button onClick={() => setPage("signin")}>Sign In</button>

            <button onClick={() => setPage("login")}>Login</button>

          </>

        )}

        {isLoggedIn && <button onClick={handleLogout}>Logout</button>}

      </div>

      <div className="content">

        {page === "signin" && <SignIn onSuccess={() => setPage("login")} />}

        {page === "login" && <Login onLoginSuccess={handleLoginSuccess} />}

        {page === "user" && <UserPage />}

        {page === "guest" && !isLoggedIn && <GuestPage />}

      </div>

    </div>

  );

}

export default App;

**App.css:**

.login-form {

  display: flex;

  flex-direction: column;

  gap: 12px;

  margin-top: 10px;

  align-items: center;

}

.login-form input {

  width: 80%;

  max-width: 300px;

  padding: 10px;

  border-radius: 6px;

  border: 2px solid #ccc;

  font-size: 1rem;

  transition: border-color 0.3s;

}

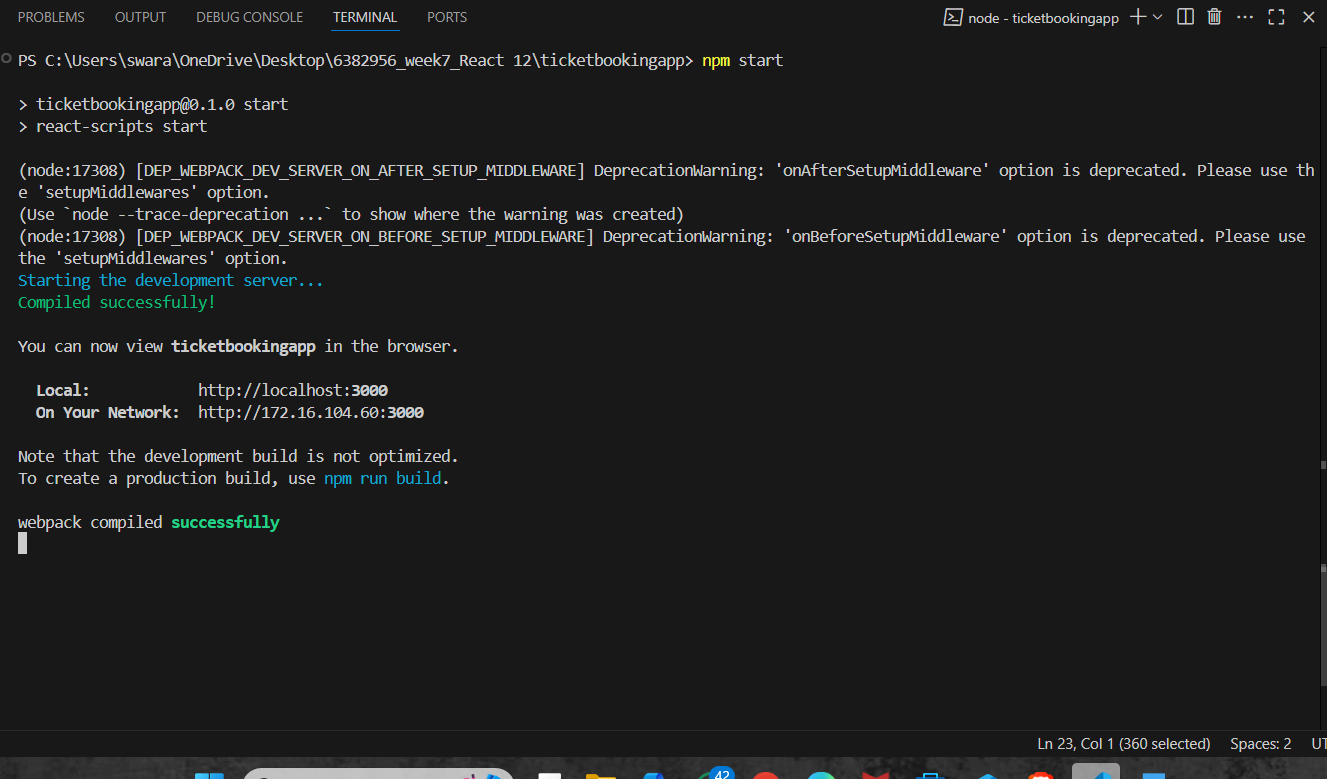
.login-form input:focus {

  border-color: #0078d7;

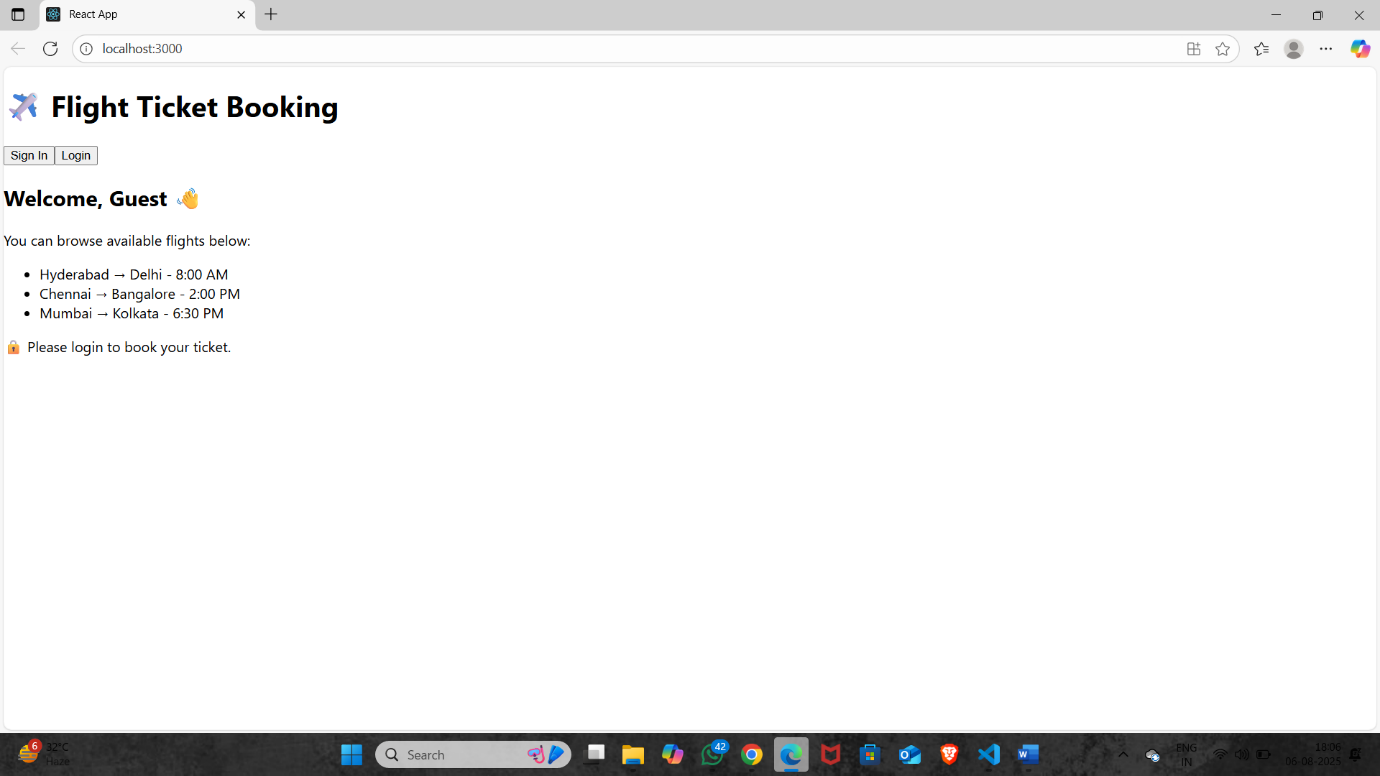
  outline: none;

}

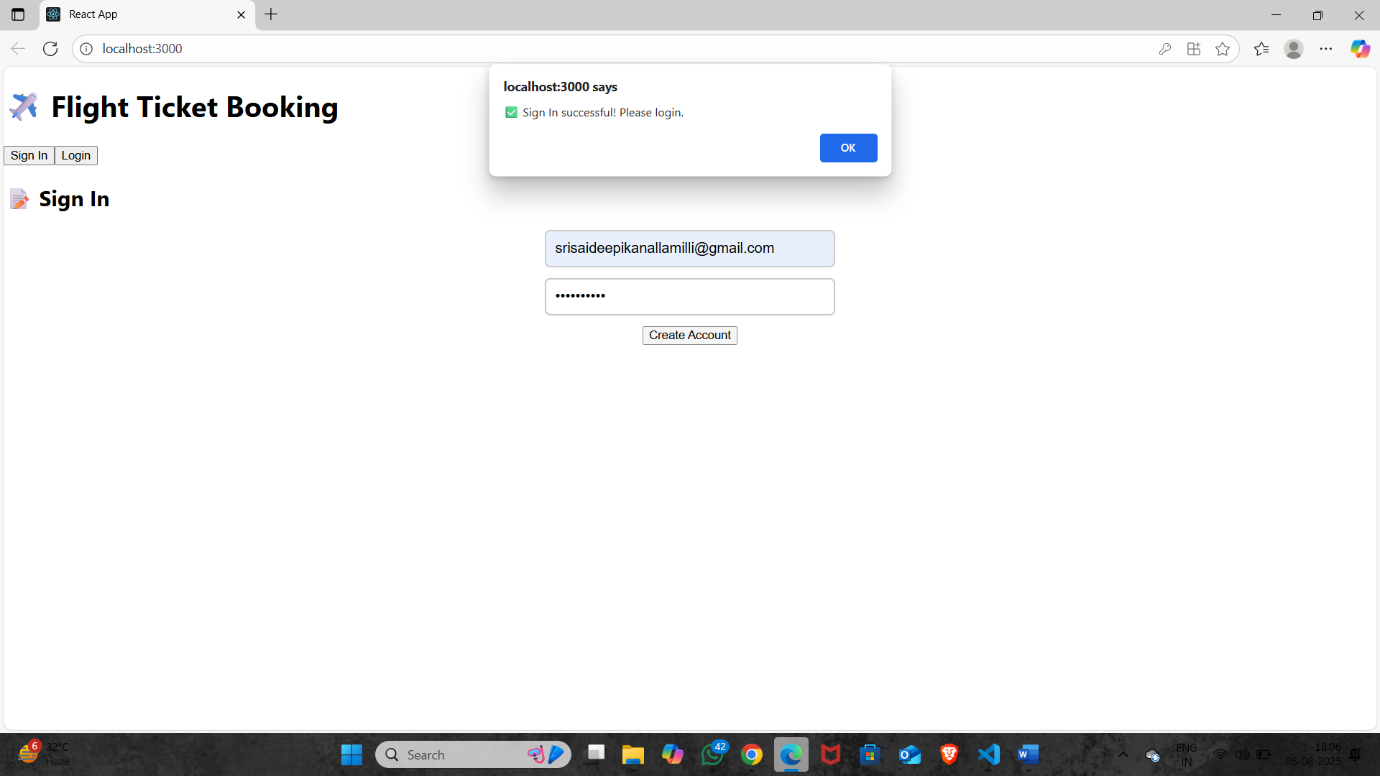
**Output 01:**

****

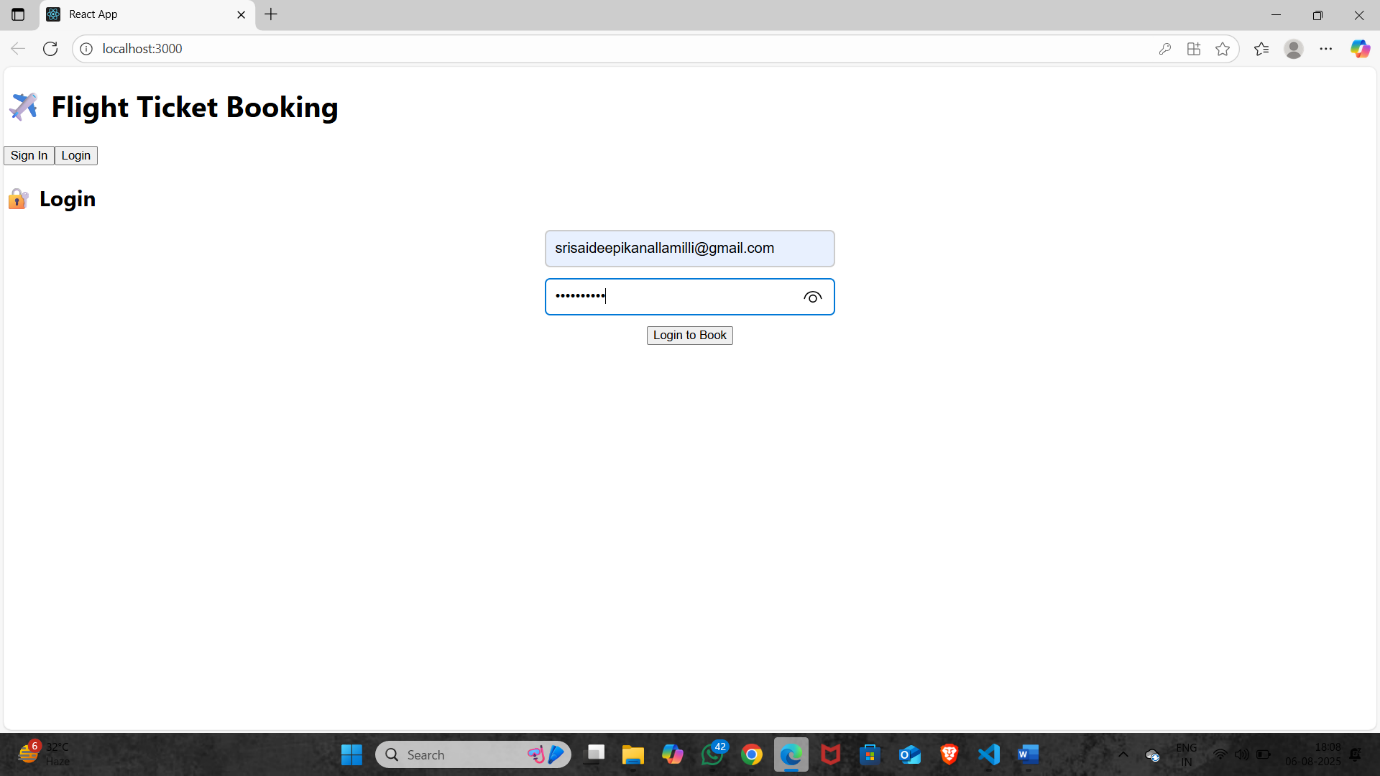
**Output 02:**

****

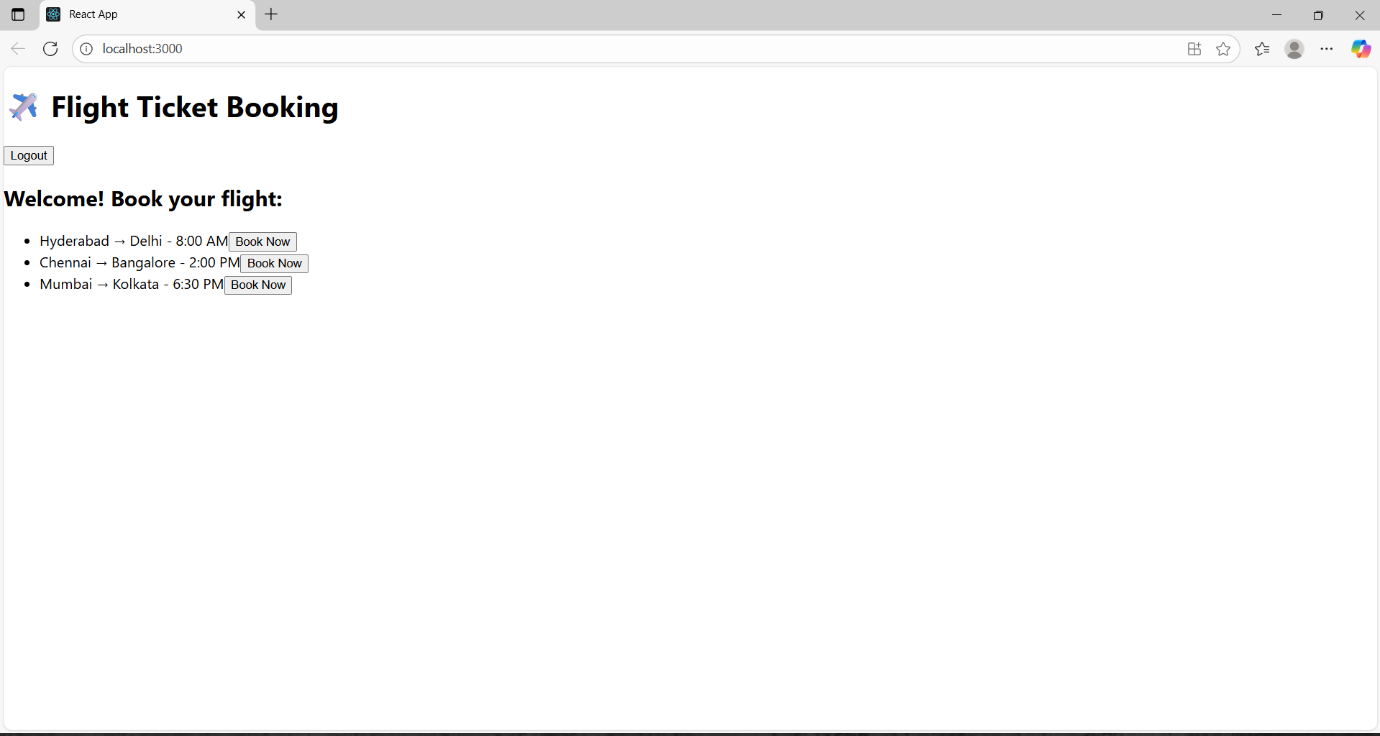
**Output 03:**

****

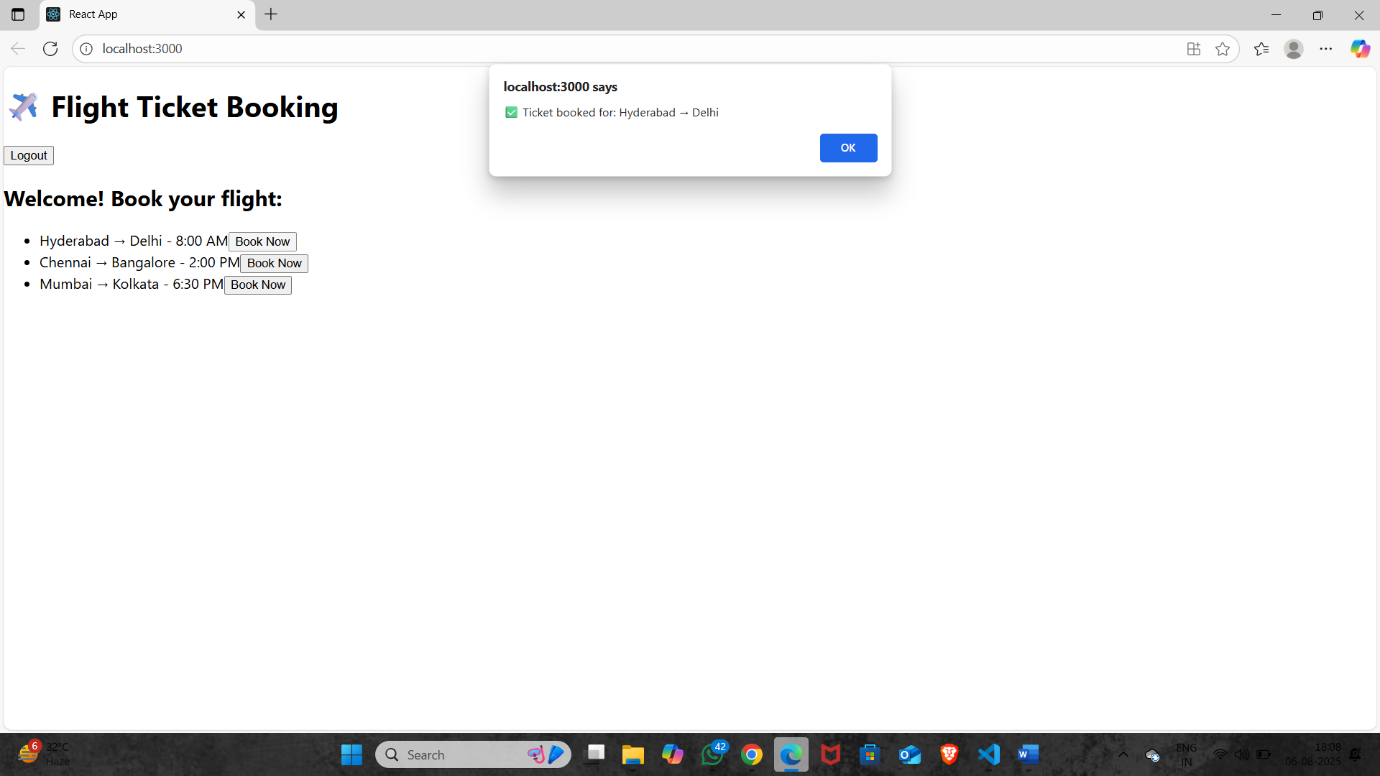
**Output 04:**

****

**Output 05:**

****

**Output 06:**

****