# ReactJS Hands-On Lab 12 - Solutions

## 1. Creating the React App

Run the following command to create the React app:  
npx create-react-app ticketbookingapp  
cd ticketbookingapp  
code .

## 2. App Component with Conditional Rendering

Inside src/App.js:  
import React from 'react';  
  
class App extends React.Component {  
 constructor(props) {  
 super(props);  
 this.state = {  
 isLoggedIn: false  
 };  
 }  
  
 handleLogin = () => {  
 this.setState({ isLoggedIn: true });  
 };  
  
 handleLogout = () => {  
 this.setState({ isLoggedIn: false });  
 };  
  
 render() {  
 const { isLoggedIn } = this.state;  
  
 let page;  
 if (isLoggedIn) {  
 page = (  
 <div>  
 <h2>Welcome User</h2>  
 <p>You can now book tickets.</p>  
 <button onClick={this.handleLogout}>Logout</button>  
 </div>  
 );  
 } else {  
 page = (  
 <div>  
 <h2>Welcome Guest</h2>  
 <p>Please login to book your tickets.</p>  
 <button onClick={this.handleLogin}>Login</button>  
 </div>  
 );  
 }  
  
 return (  
 <div className="App">  
 <h1>Flight Ticket Booking App</h1>  
 {page}  
 </div>  
 );  
 }  
}  
  
export default App;

## 3. Output Layout

The application conditionally renders different content based on the login state. Guests can only view flight details while logged-in users can book tickets. A login/logout button toggles the state.