

9. ReactJS-HOL

Create a React Application named “cricketapp” with the following components:

1. ListOfPlayers

- Declare an array with 11 players and store details of their names and scores using the map feature of ES6
- Filter the players with scores below 70 using arrow functions of ES6.

2. IndianPlayers

- a. Display the Odd Team Player and Even Team players using the Destructuring features of ES6
- b. Declare two arrays T20players and RanjiTrophy players and merge the two arrays and display them using the Merge feature of ES6

Display these two components in the same home page using a simple if else in the flag variable.



ListOfPlayers.jsx



IndianPlayers.jsx



App.js

OUTPUT-1:

Cricket App

Toggle Flag (currently: true)

List of Players (Flag is true)

All Players:

- Virat Kohli - Score: 85
- Rohit Sharma - Score: 67
- KL Rahul - Score: 72
- Hardik Pandya - Score: 55
- Ajinkya Rahane - Score: 60
- Ravindra Jadeja - Score: 68
- Shubman Gill - Score: 45
- Suryakumar Yadav - Score: 77
- Yashasvi Chahal - Score: 33
- Cheteshwar Pujara - Score: 80
- Ishan Kishan - Score: 62

Players with score below 70:

- Rohit Sharma - 67
- Hardik Pandya - 55
- Ravindra Jadeja - 68
- Shubman Gill - 45
- Yashasvi Chahal - 33
- Ishan Kishan - 62

Indian Players Component

Even Team Players:

- Rohit Sharma
- Ravindra Jadeja
- Hardik Pandya
- Suryakumar Yadav
- Ishan Kishan

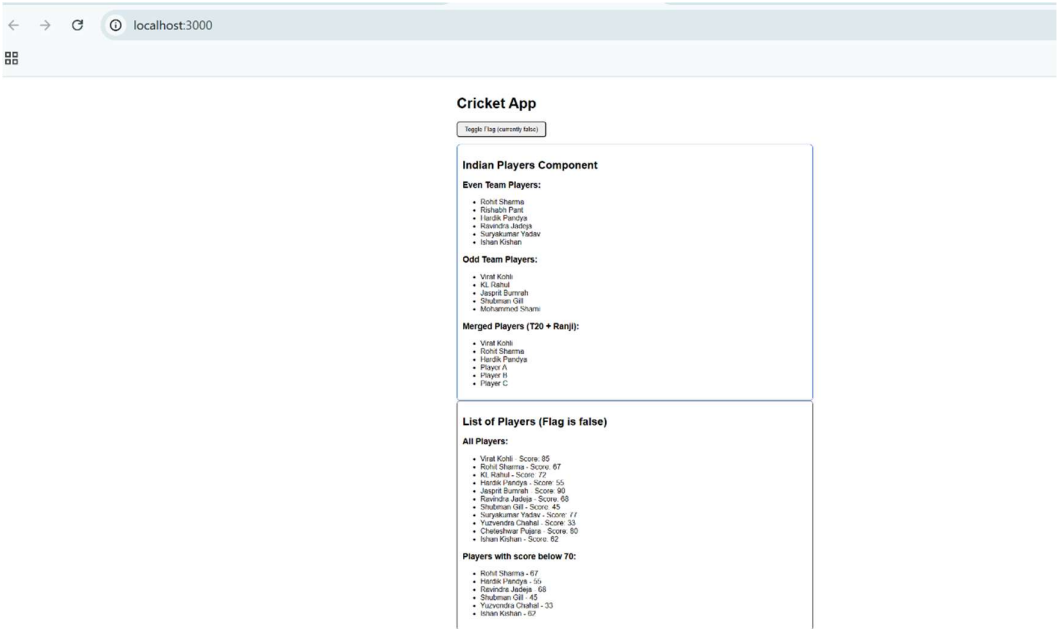
Odd Team Players:

- Virat Kohli
- KL Rahul
- Ajinkya Rahane
- Shubman Gill
- Mohammed Shami

Merged Players (T20 + Ranji):

- Virat Kohli
- Rohit Sharma
- Hardik Pandya
- Player A
- Player B
- Player C

OUTPUT-2:



10. ReactJS-HOL

Create a React Application named “officespacerentalapp” which uses React JSX to create elements, attributes and renders DOM to display the page.



OfficeCard.jsx



index.js




App.js

OUTPUT:

Office Space Rental App

Find the best office space for your team

Featured Office




Central Business Hub

Rent: ₹75,000

Address: 123 MG Road, Bangalore


Available Offices



Central Business Hub

Rent: ₹75,000


Address: 123 MG Road, Bangalore



Startup Plaza

Rent: ₹55,000


Address: 45 Residency Road, Bangalore



Tech Tower

Rent: ₹90,000

Address: 9 Electronics City, Bangalore



Green Workspaces


Rent: ₹48,000

Address: 77 Indiranagar, Bangalore


11. ReactJS-HOL

Create “Increment” button to increase the value of the counter and “Decrement” button to decrease the value of the counter. The “Increase” button should invoke multiple methods.


- a. To increment the value
- b. Say Hello followed by a static message.



CurrencyConverter.js



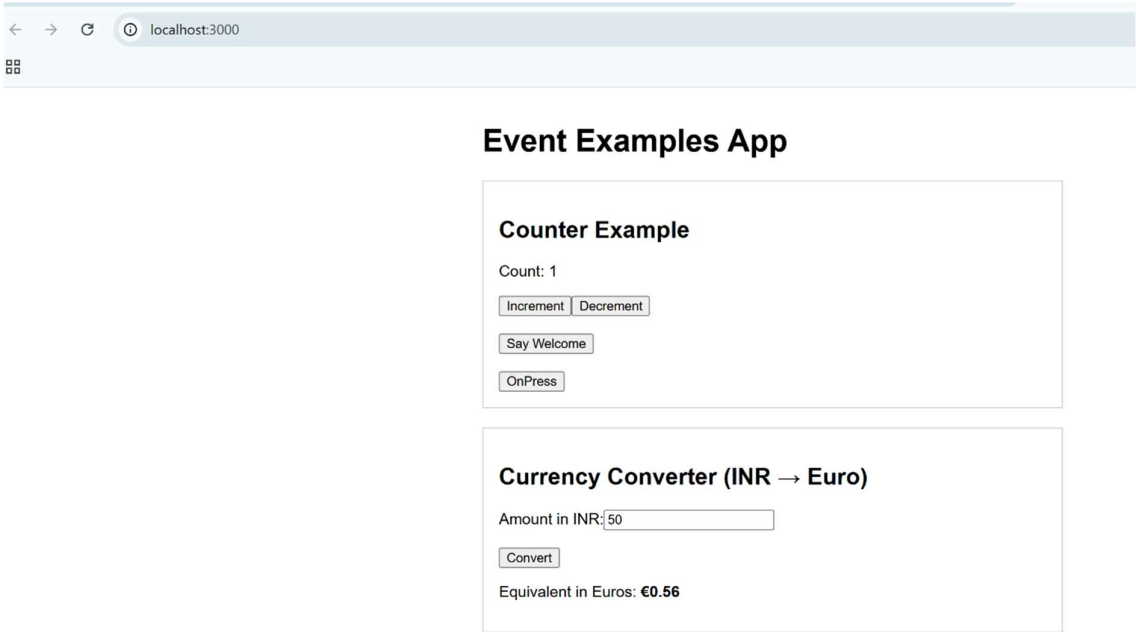
Counter.jsx



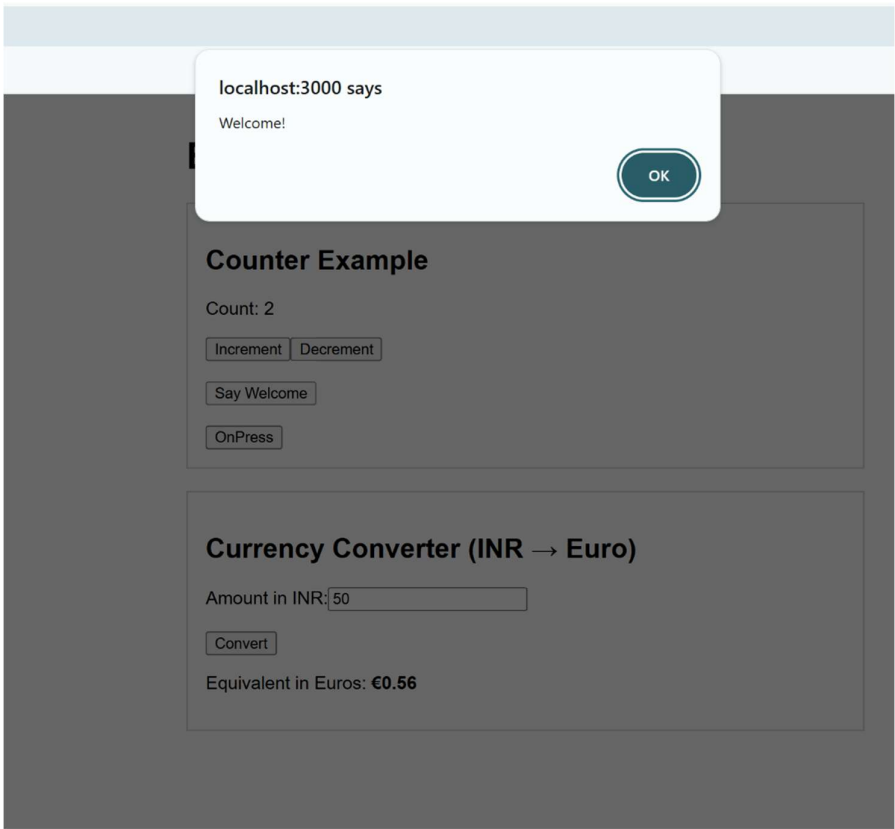
App.js

x

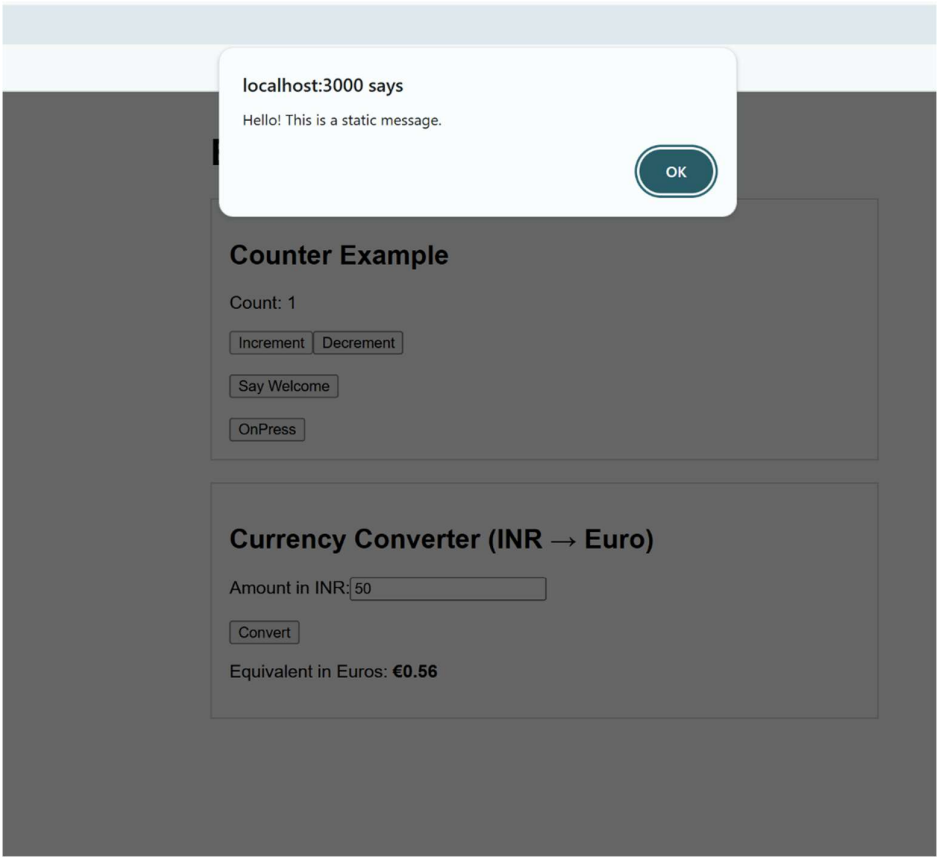
Output-1:



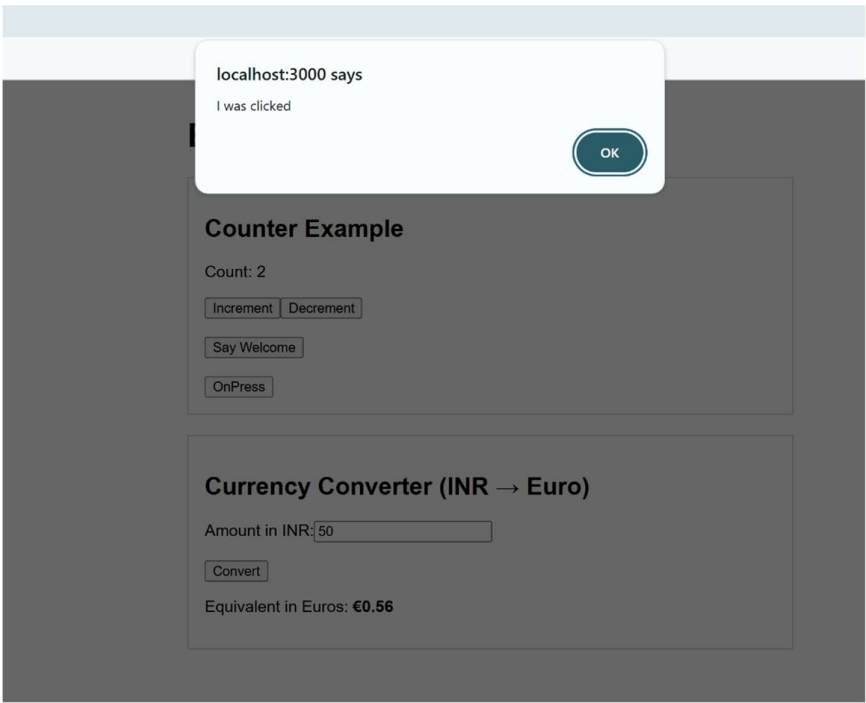
Output-2:



Output-3:



Output-4:



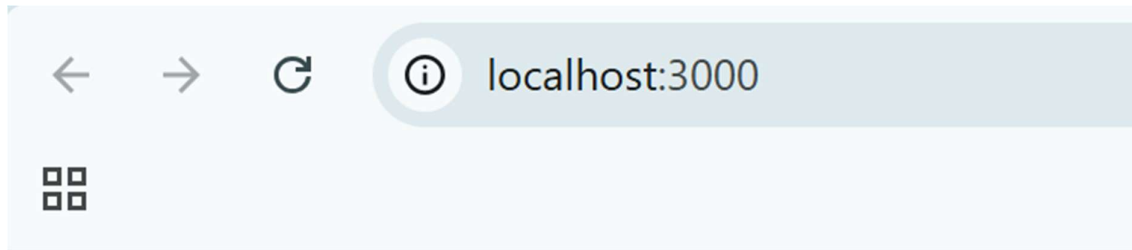
12. ReactJS-HOL

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.



Output-1:



Ticket Booking App

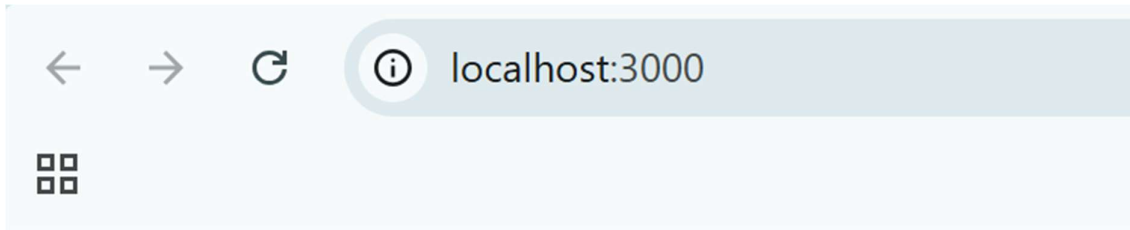
Login

Available Flights

- Air India - Delhi to Mumbai - ₹5000
- IndiGo - Chennai to Bangalore - ₹3000
- SpiceJet - Kolkata to Hyderabad - ₹4500

Login to book tickets.

Output-2:



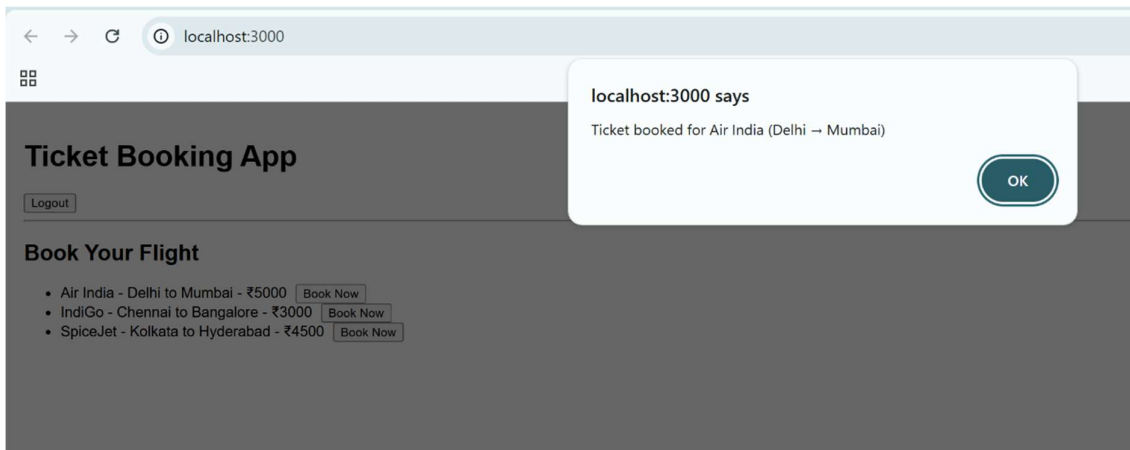
Ticket Booking App

Logout

Book Your Flight

- Air India - Delhi to Mumbai - ₹5000
- IndiGo - Chennai to Bangalore - ₹3000
- SpiceJet - Kolkata to Hyderabad - ₹4500

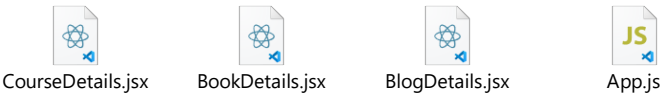
Output-3:



13. ReactJS-HOL

Create a React App named “bloggerapp” in with 3 components.

- 1. Book Details
- 2. Blog Details
- 3. Course Details



Output-1:



Blogger App

Toggle Sections (logical AND / independent):
☒ Show Books ☒ Show Blogs ☒ Show Courses
Mode (element variable / switch-style): All

Book Details

- Clean Code by Robert C. Martin - ₹450
- Learning React by Alex Banks - ₹320

Blog Details

- Understanding React Hooks by Jane Doe (2025-07-01)
- State Management Patterns by John Smith (2025-06-20)

Course Details

- React Basics (REACT101) - Duration: 4 weeks
- Advanced JavaScript (JSADV) - Duration: 6 weeks

Inline Ternary Example

Viewing all sections together.

Output-2:



Blogger App

Toggle Sections (logical AND / independent):
☒ Show Books ☒ Show Blogs ☒ Show Courses

Mode (element variable / switch-style): Only Courses ▾

Course Details

- **React Basics** (REACT101) - Duration: 4 weeks
- **Advanced JavaScript** (JSADV) - Duration: 6 weeks

Inline Ternary Example

Currently viewing only course details.

Output-3:



Blogger App

Toggle Sections (logical AND / independent):
☒ Show Books ☒ Show Blogs ☒ Show Courses

Mode (element variable / switch-style): Only Blogs ▾

Blog Details

- **Understanding React Hooks** by Jane Doe (2025-07-01)
- **State Management Patterns** by John Smith (2025-06-20)

Inline Ternary Example

Currently viewing only blog details.

Output-4:

Blogger App

Toggle Sections (logical AND / independent):
☒ Show Books ☒ Show Blogs ☒ Show Courses

Mode (element variable / switch-style): Only Books

Book Details

- **Clean Code** by Robert C. Martin - ₹450
- **Learning React** by Alex Banks - ₹320

Inline Ternary Example

Currently viewing only book details.

Output-5:

Blogger App

Toggle Sections (logical AND / independent):
☒ Show Books ☐ Show Blogs ☒ Show Courses

Mode (element variable / switch-style): All

Book Details

- **Clean Code** by Robert C. Martin - ₹450
- **Learning React** by Alex Banks - ₹320

Course Details

- **React Basics** (REACT101) - Duration: 4 weeks
- **Advanced JavaScript** (JSADV) - Duration: 6 weeks

Inline Ternary Example

Viewing all sections together.