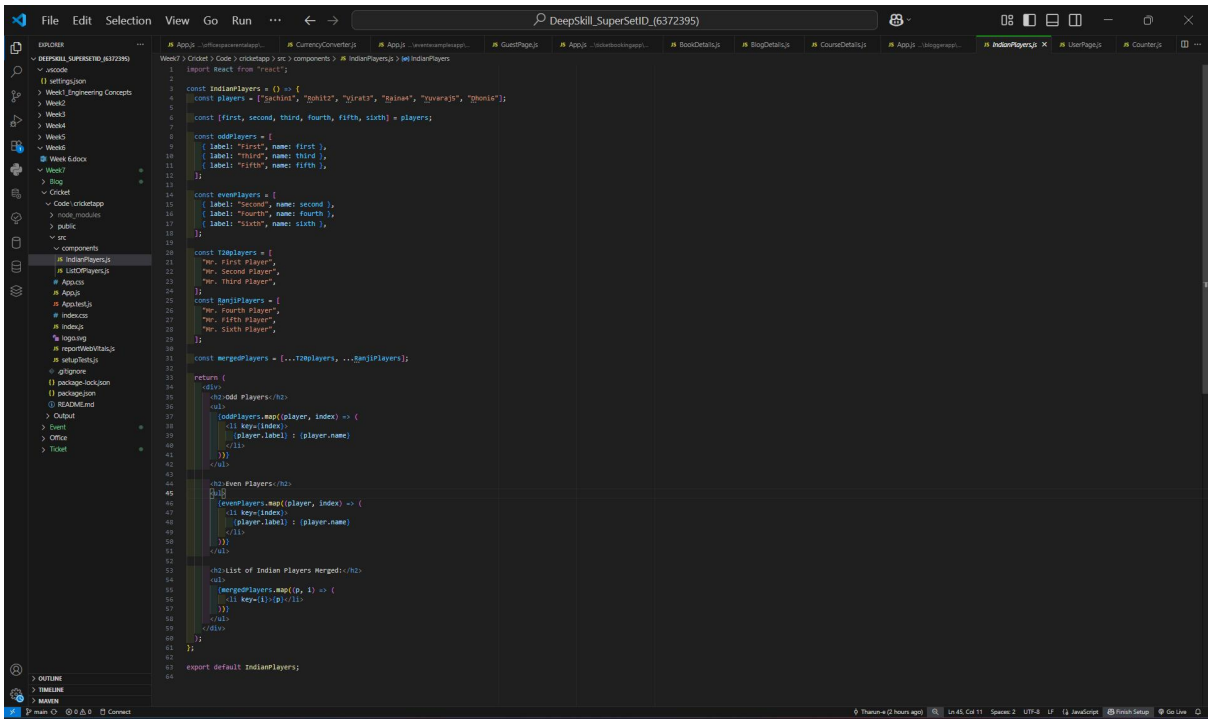
Week 7

React

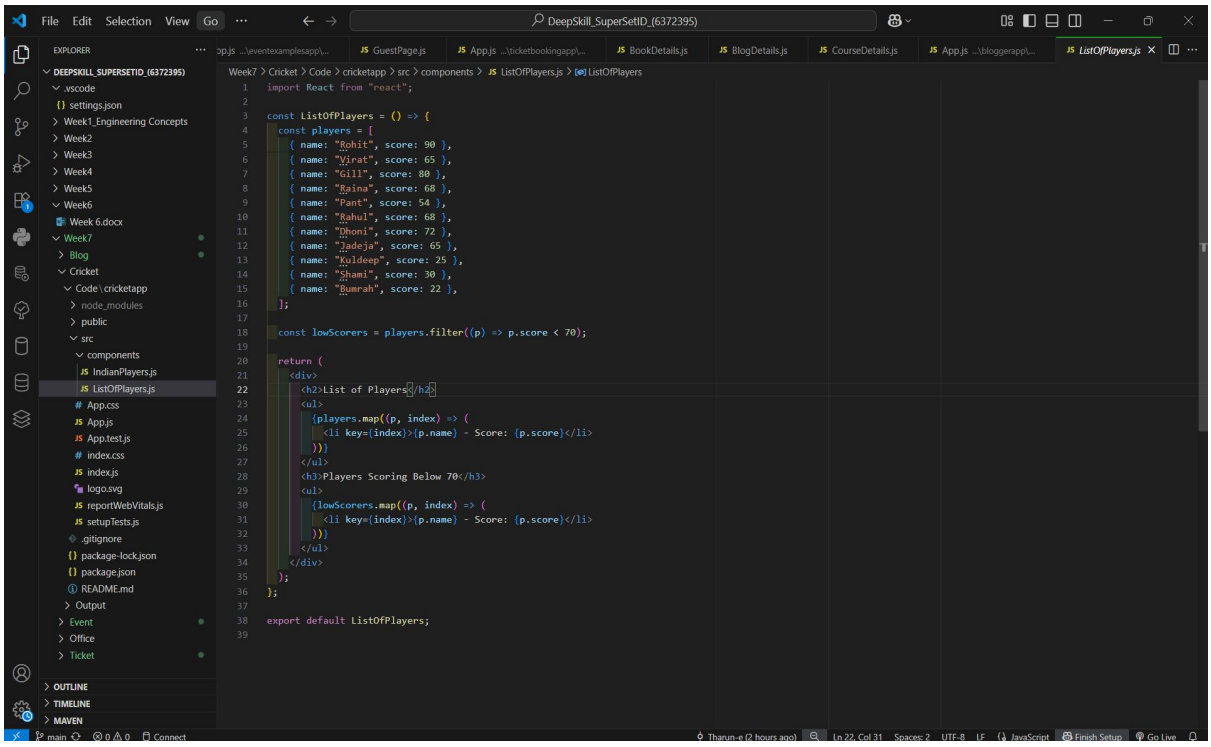
Cricket App:

IndianPlayer.js



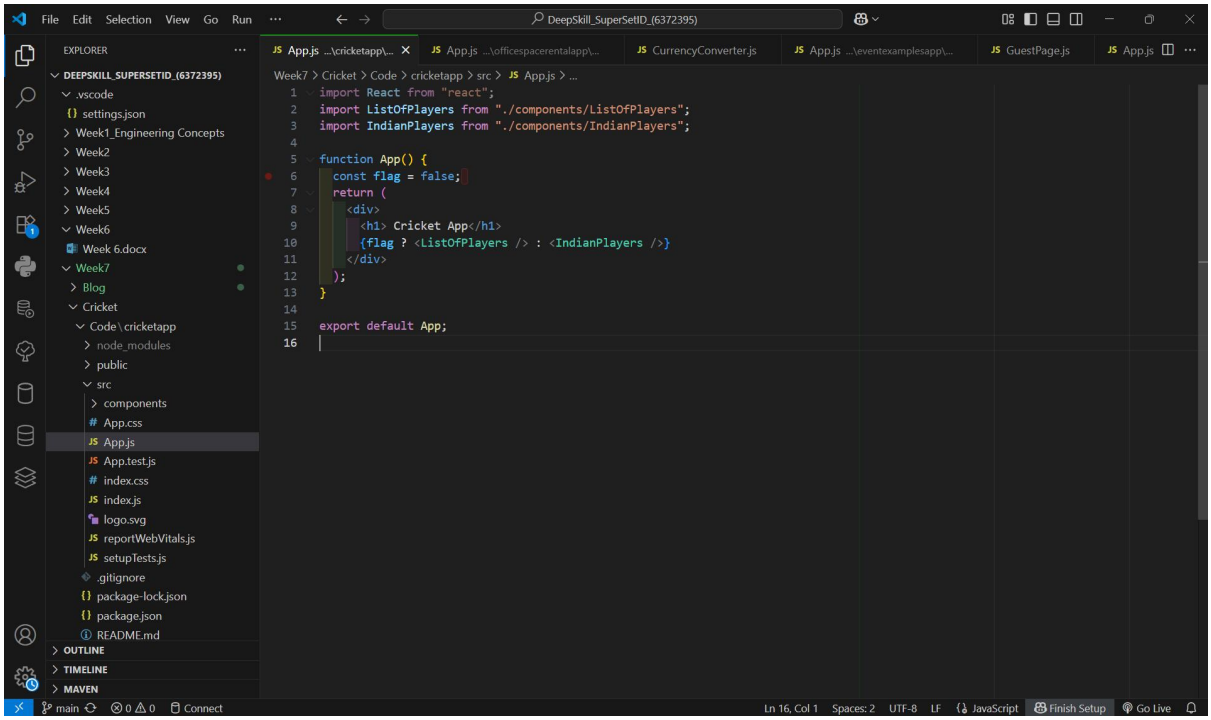
```
import React from "react";

const IndianPlayers = () => {
  const players = ["Sachin", "Rohit2", "Virat3", "Raina4", "Yuvaraj5", "Dhoni6"];

  const [first, second, third, fourth, fifth, sixth] = players;

  const oddPlayers = [
    { label: "First", name: first },
    { label: "Third", name: third },
    { label: "Fifth", name: fifth },
  ];

  const evenPlayers = [
    { label: "Second", name: second },
    { label: "Fourth", name: fourth },
    { label: "Sixth", name: sixth },
  ];

  const T20players = [
    "Mr. First Player",
    "Mr. Second Player",
    "Mr. Third Player",
  ];
  const RanjiPlayers = [
    "Mr. Fourth Player",
    "Mr. Fifth Player",
    "Mr. Sixth Player",
  ];

  const mergedPlayers = [...T20players, ...RanjiPlayers];

  return (
    <div>
      <h2>Odd Players</h2>
      <ul>
        {oddPlayers.map((player, index) => (
          <li key={index}>
            {player.label} : {player.name}
          </li>
        ))}
      </ul>

      <h2>Even Players</h2>
      <ul>
        {evenPlayers.map((player, index) => (
          <li key={index}>
            {player.label} : {player.name}
          </li>
        ))}
      </ul>

      <h2>List of Indian Players Merged:</h2>
      <ul>
        {mergedPlayers.map((p, i) => (
          <li key={i}>{p}</li>
        ))}
      </ul>
    </div>
  );
};

export default IndianPlayers;
```

ListofPlayers.js

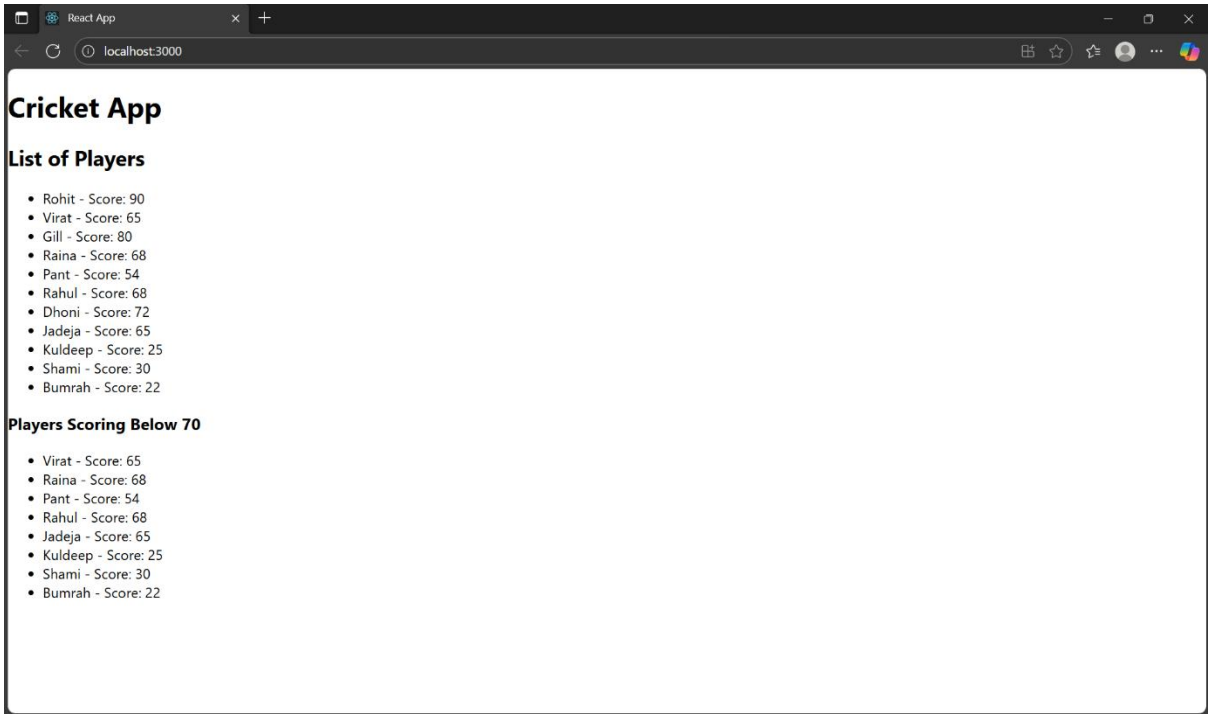


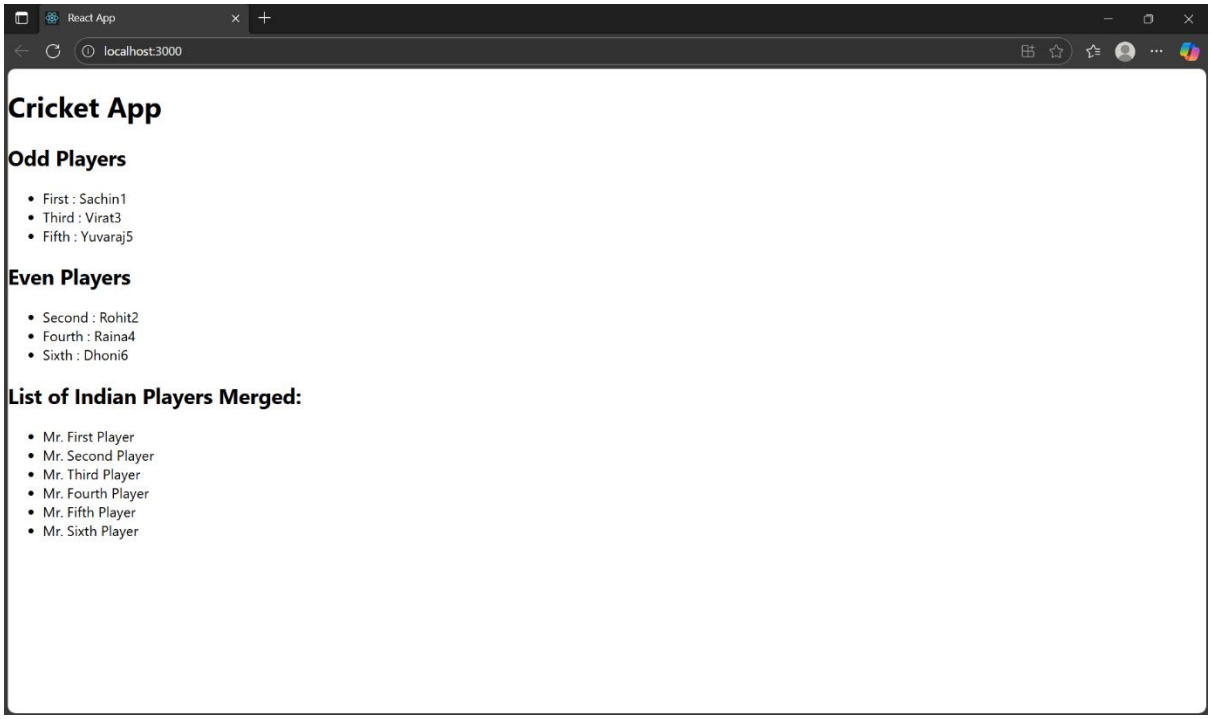
```
import React from "react";

const ListOfPlayers = () => {
  const players = [
    { name: "Rohit", score: 90 },
    { name: "Virat", score: 65 },
    { name: "Gill", score: 80 },
    { name: "Raina", score: 68 },
    { name: "Pant", score: 54 },
    { name: "Rahul", score: 68 },
    { name: "Dhoni", score: 72 },
    { name: "Jadeja", score: 65 },
    { name: "Kuldeep", score: 25 },
    { name: "Shami", score: 30 },
    { name: "Bumrah", score: 22 },
  ];

  const lowScorers = players.filter((p) => p.score < 70);

  return (
    <div>
      <h2>List of Players</h2>
      <ul>
        {players.map((p, index) => (
          <li key={index}>{p.name} - Score: {p.score}</li>
        ))}
      </ul>
      <h3>Players Scoring Below 70</h3>
      <ul>
        {lowScorers.map((p, index) => (
          <li key={index}>{p.name} - Score: {p.score}</li>
        ))}
      </ul>
    </div>
  );
};

export default ListOfPlayers;
```

App.js



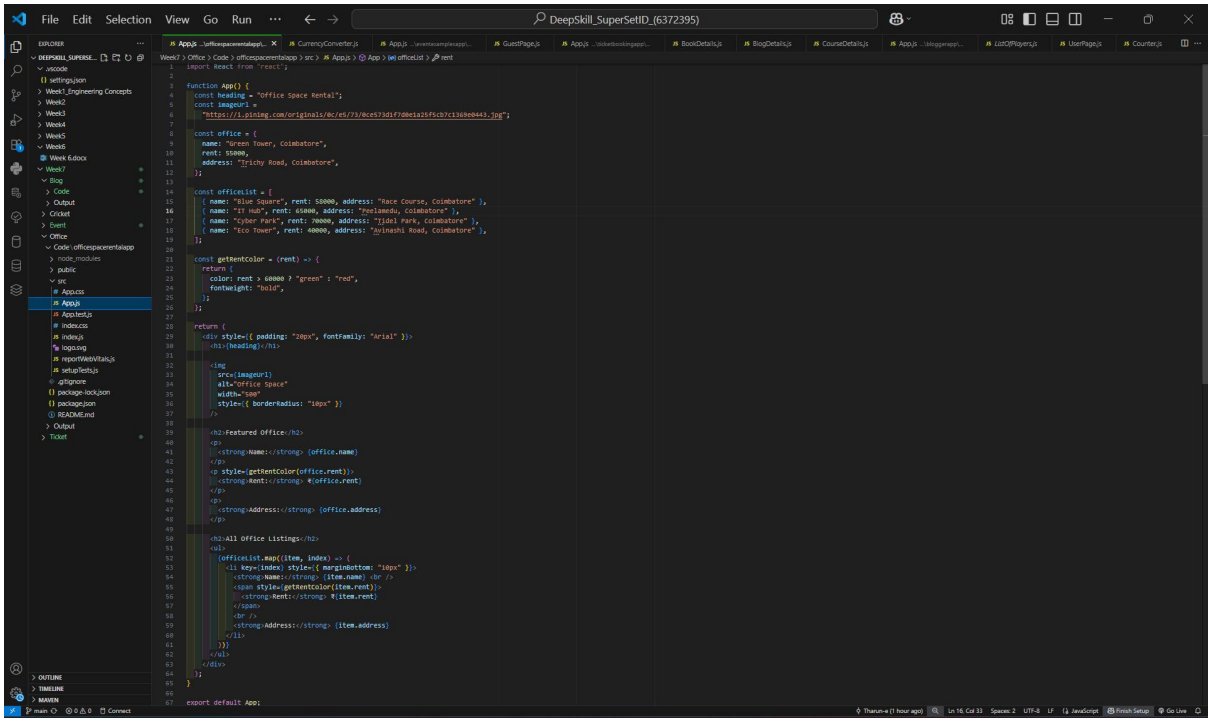
Output:



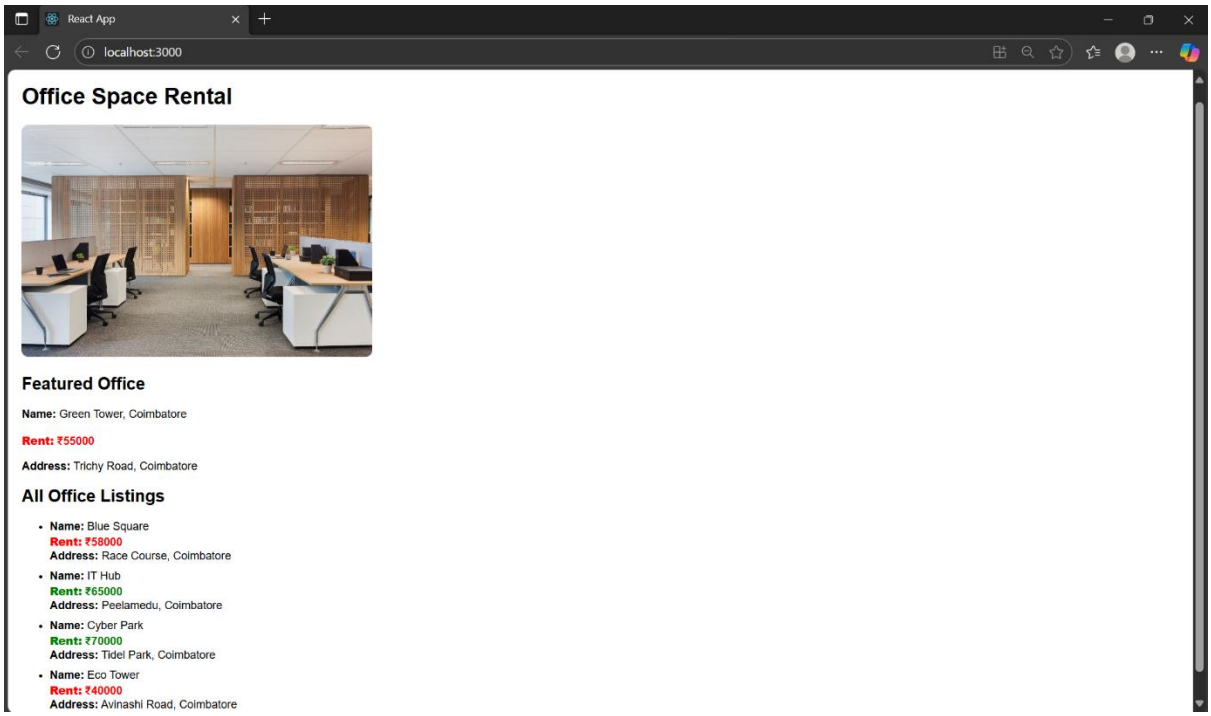


Office Space Rent:

Code:

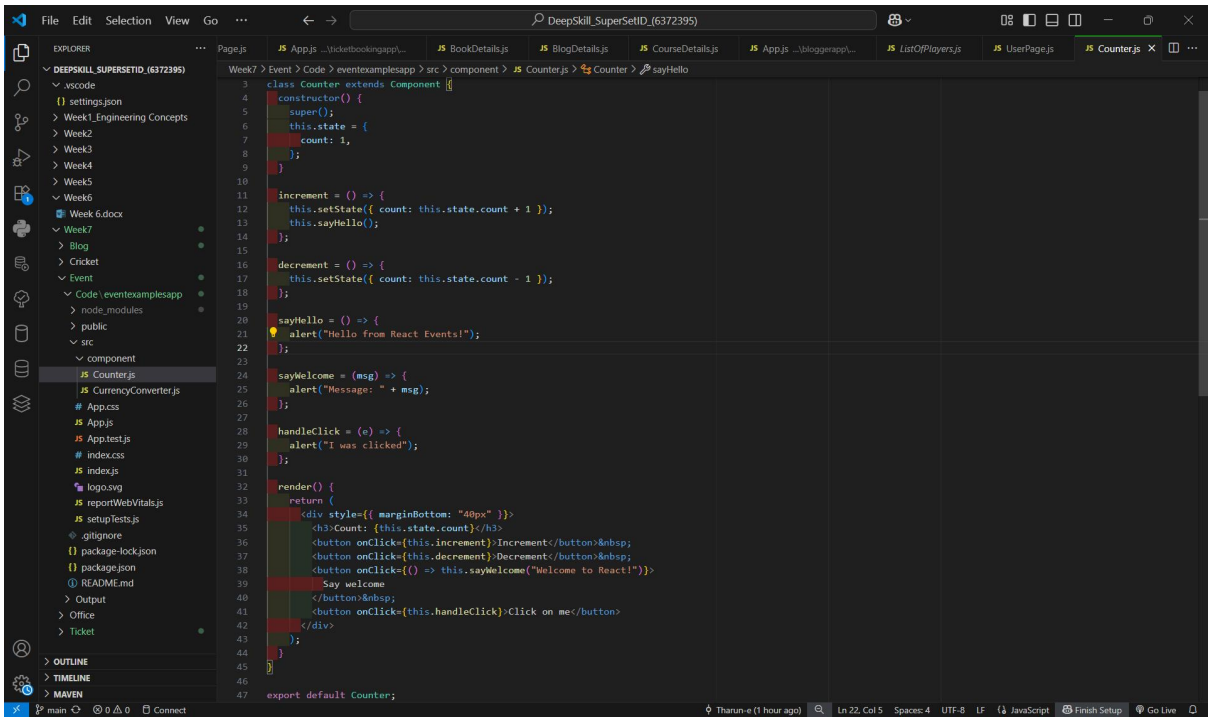


Output:

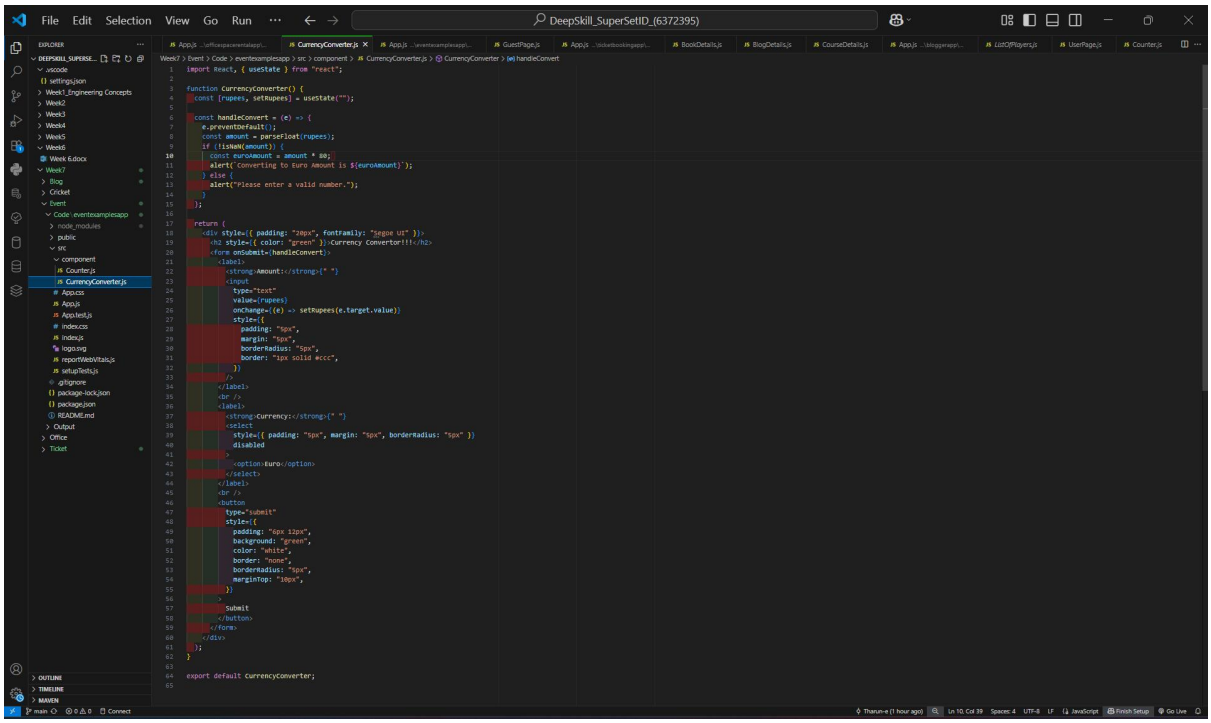


Currency Convertor:

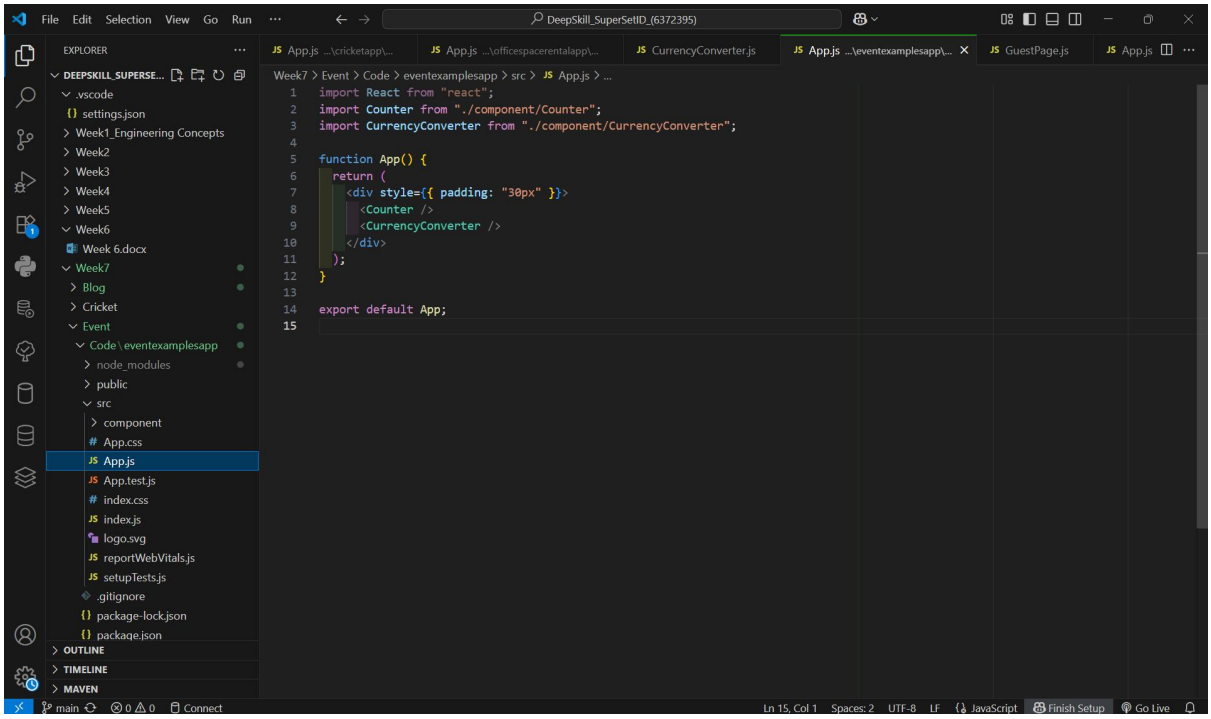
Counter.js



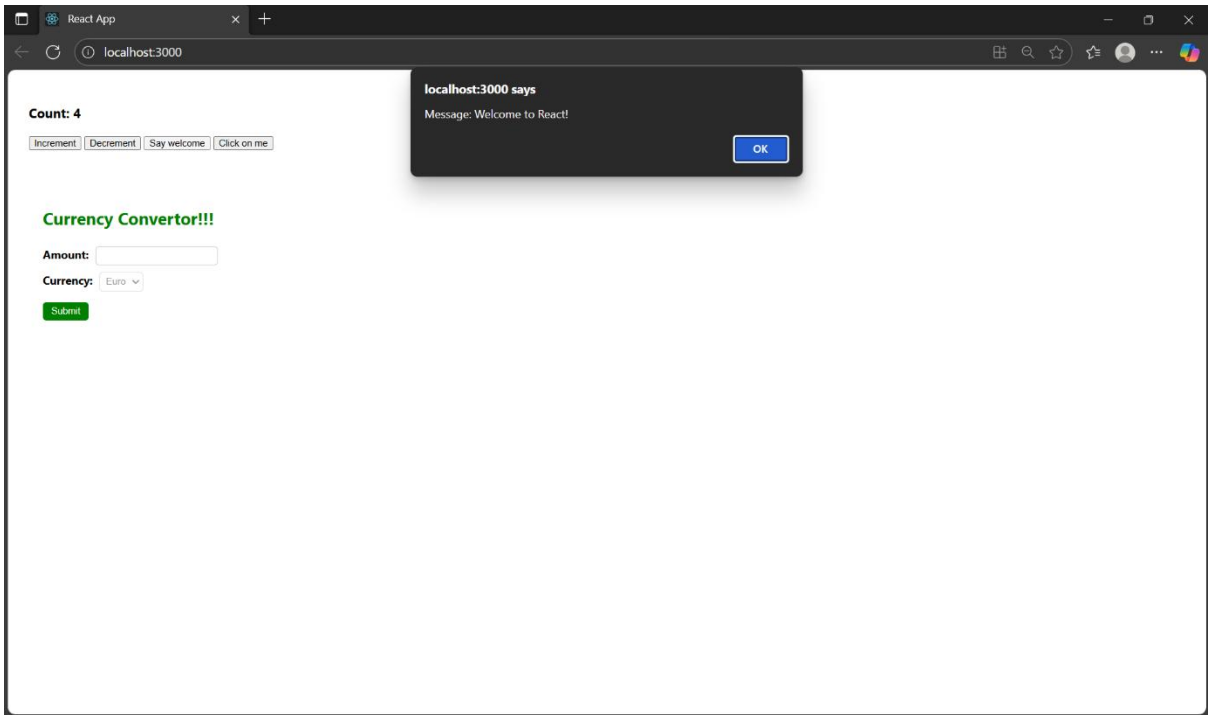
CurrencyConvertor.js

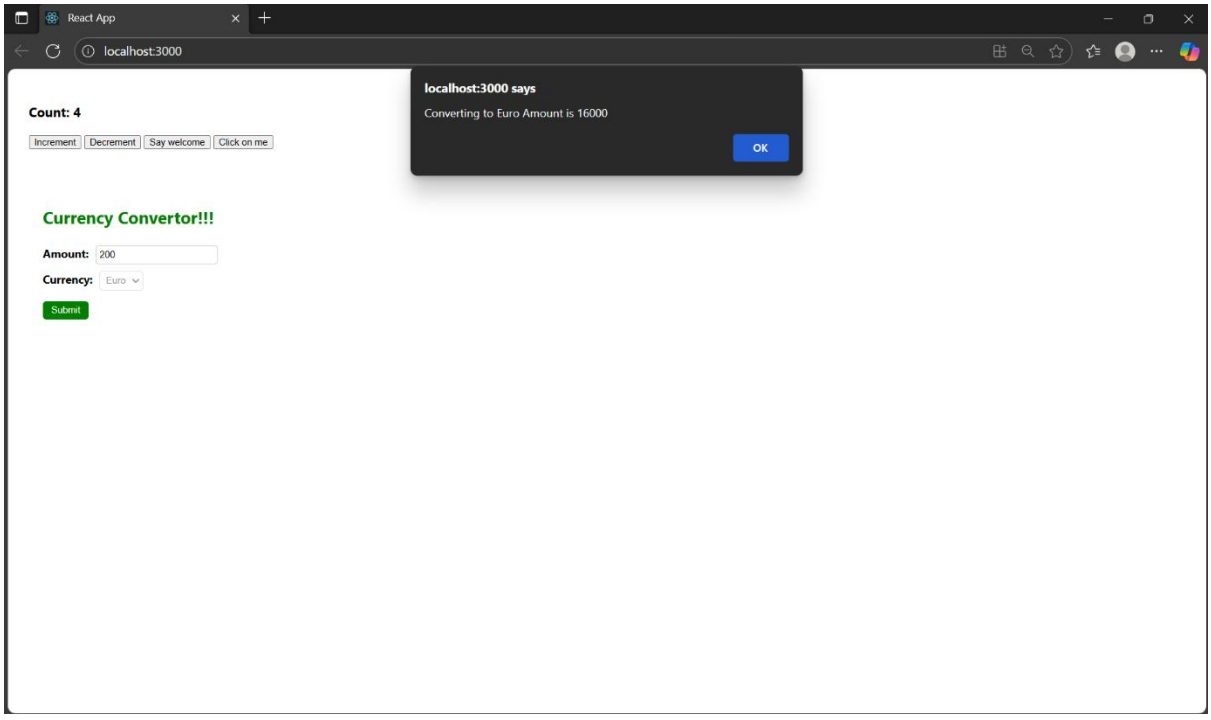


App.js



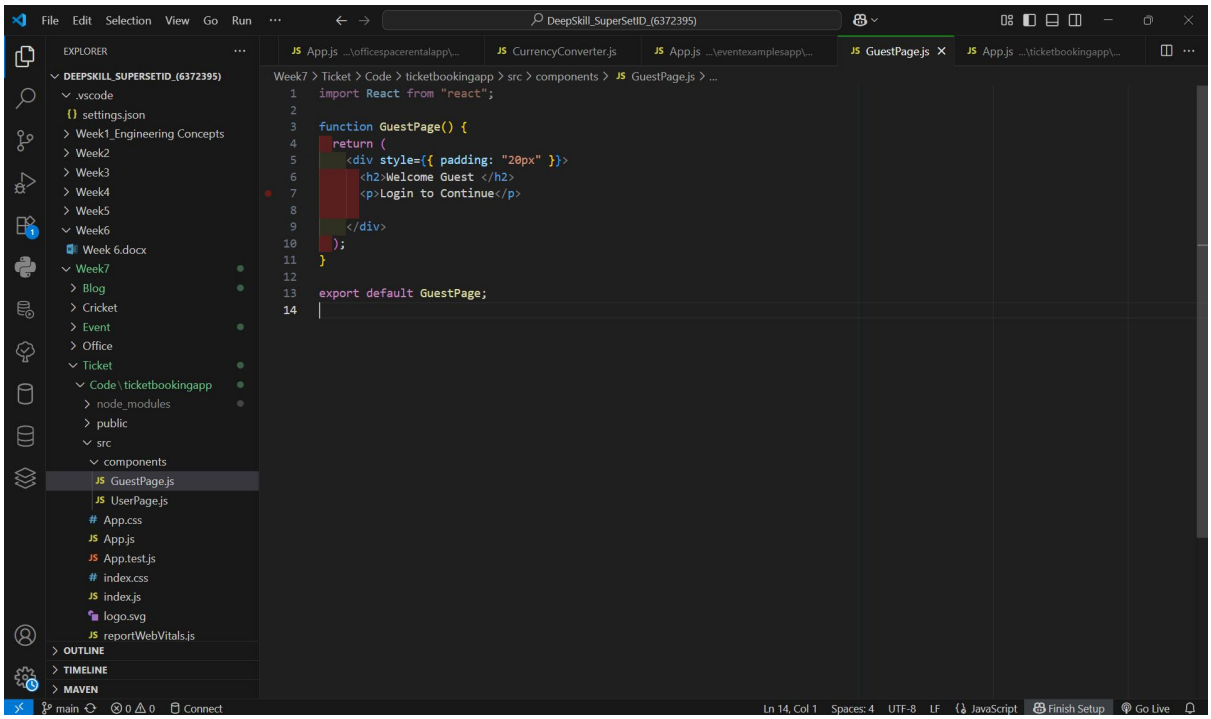
Output:


React App
localhost:3000
localhost:3000 says
Message: Welcome to React!
OK
Count: 4
Increment
Decrement
Say welcome
Click on me
Currency Convertor!!!
Amount:
Currency:
Euro
Submit

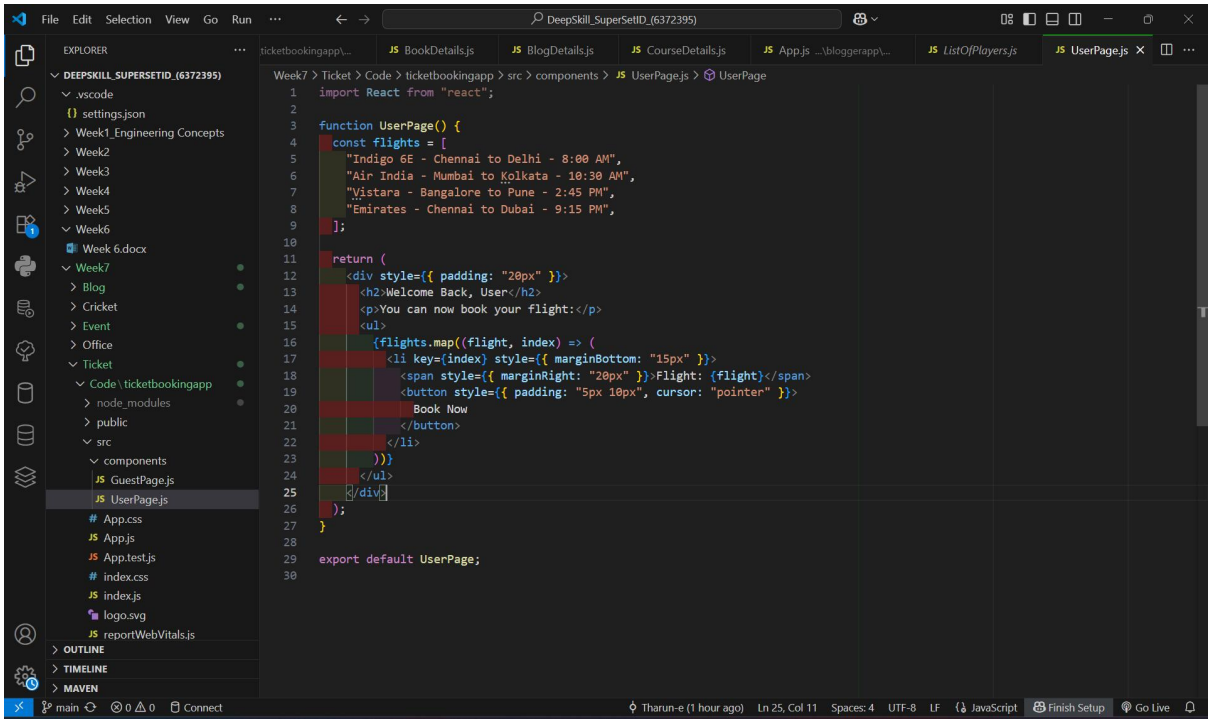

React App
localhost:3000
localhost:3000 says
Converting to Euro Amount is 16000
OK
Count: 4
Increment
Decrement
Say welcome
Click on me
Currency Convertor!!!
Amount: 200
Currency:
Euro
Submit

Ticket Booking

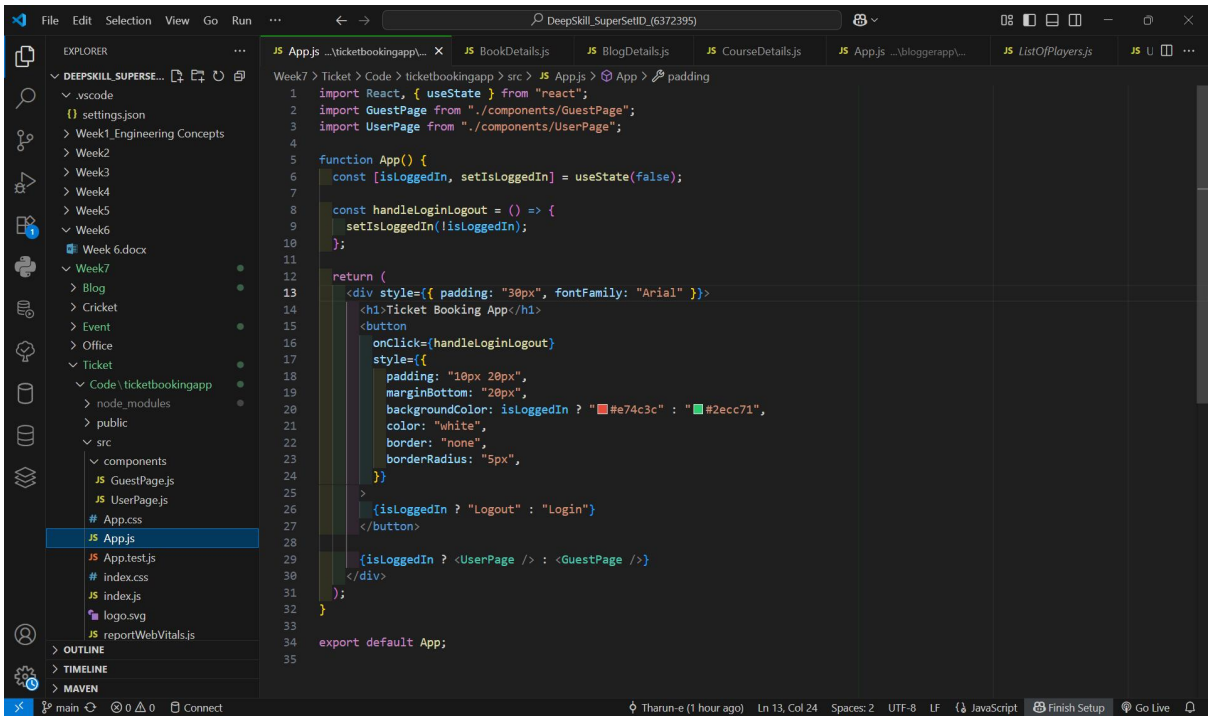
GuestPage.js



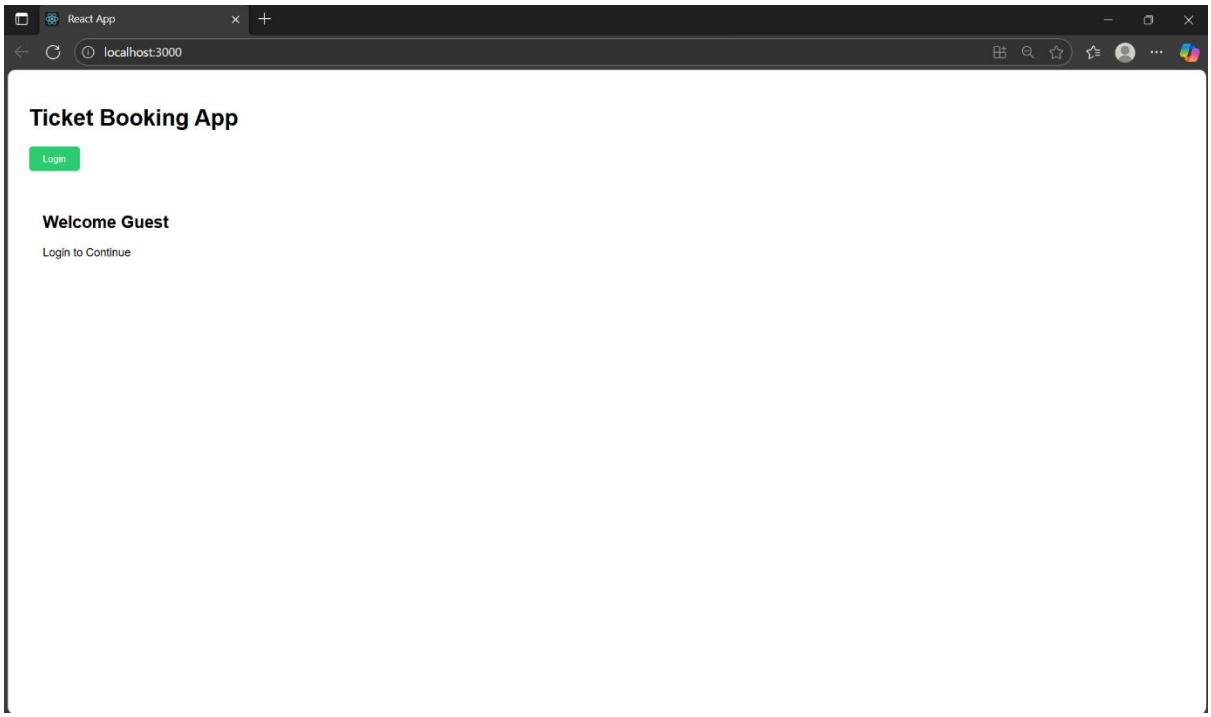
UserPage.js

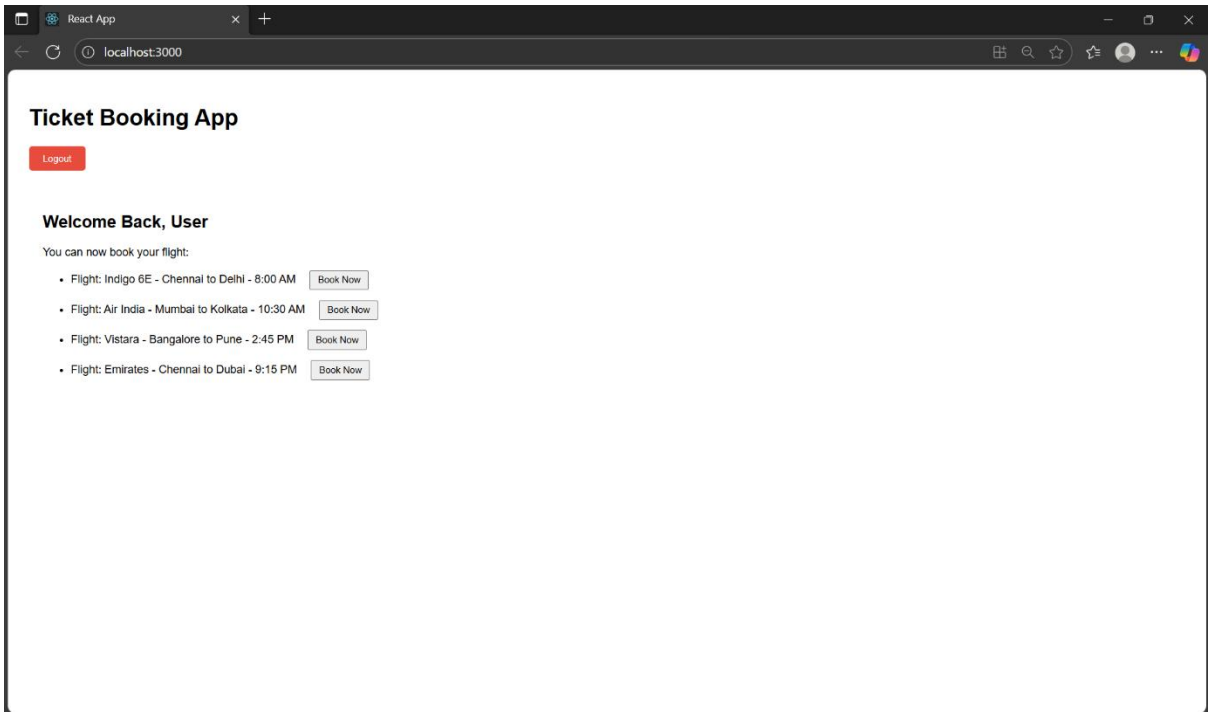


App.js



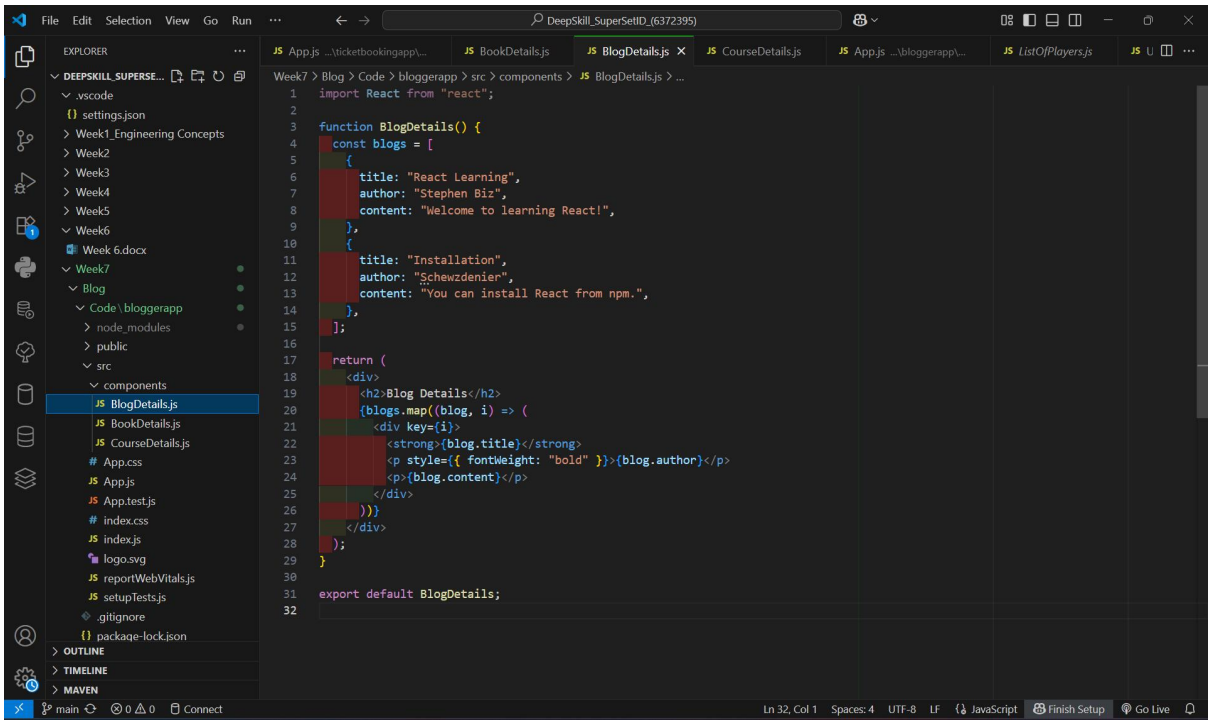
Output:



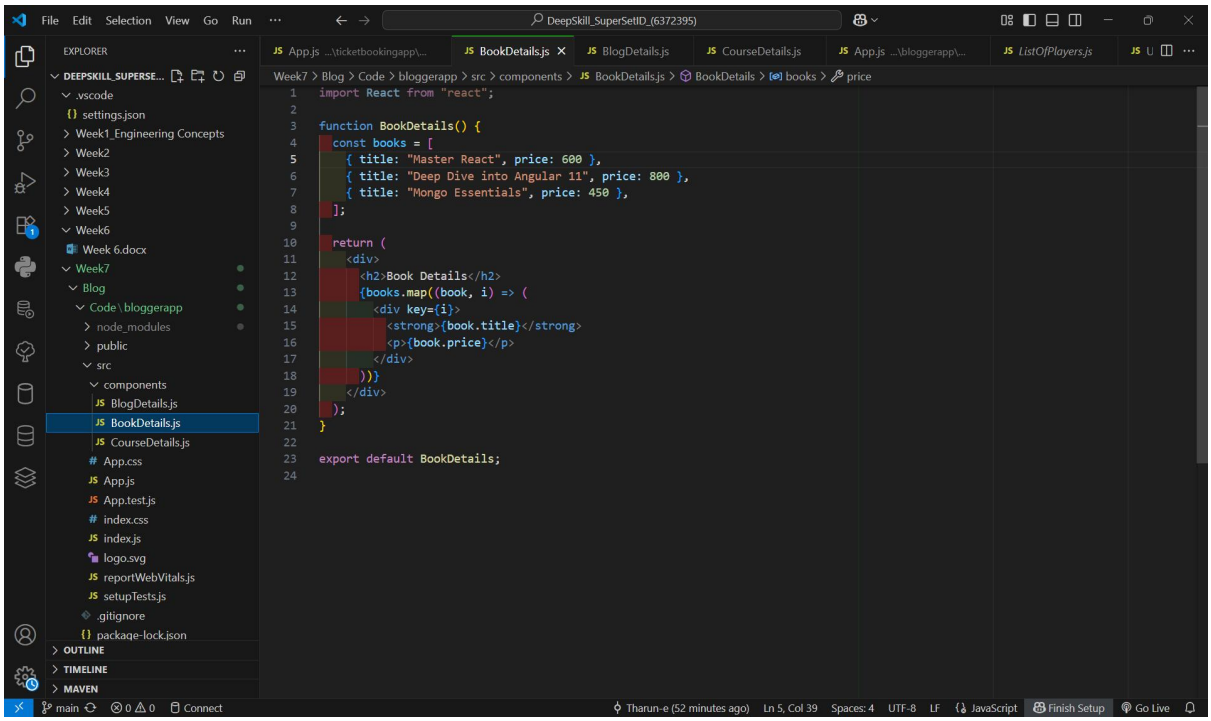


Blogger App:

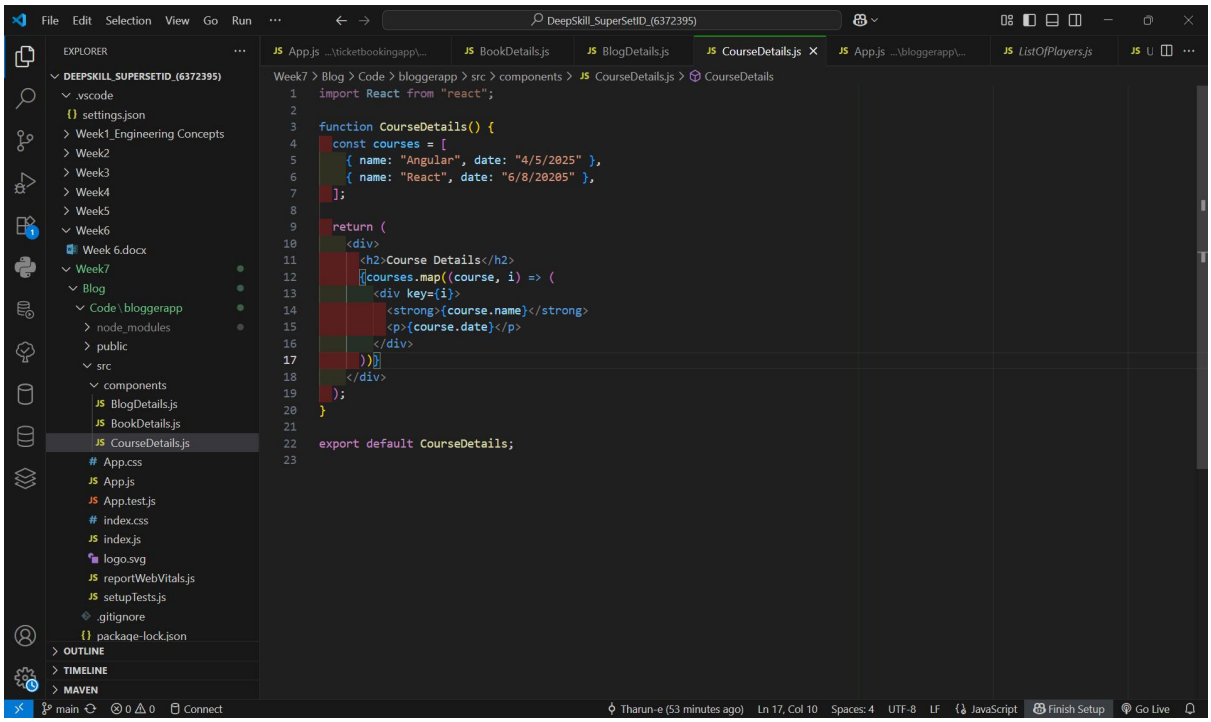
BlogDetails.js



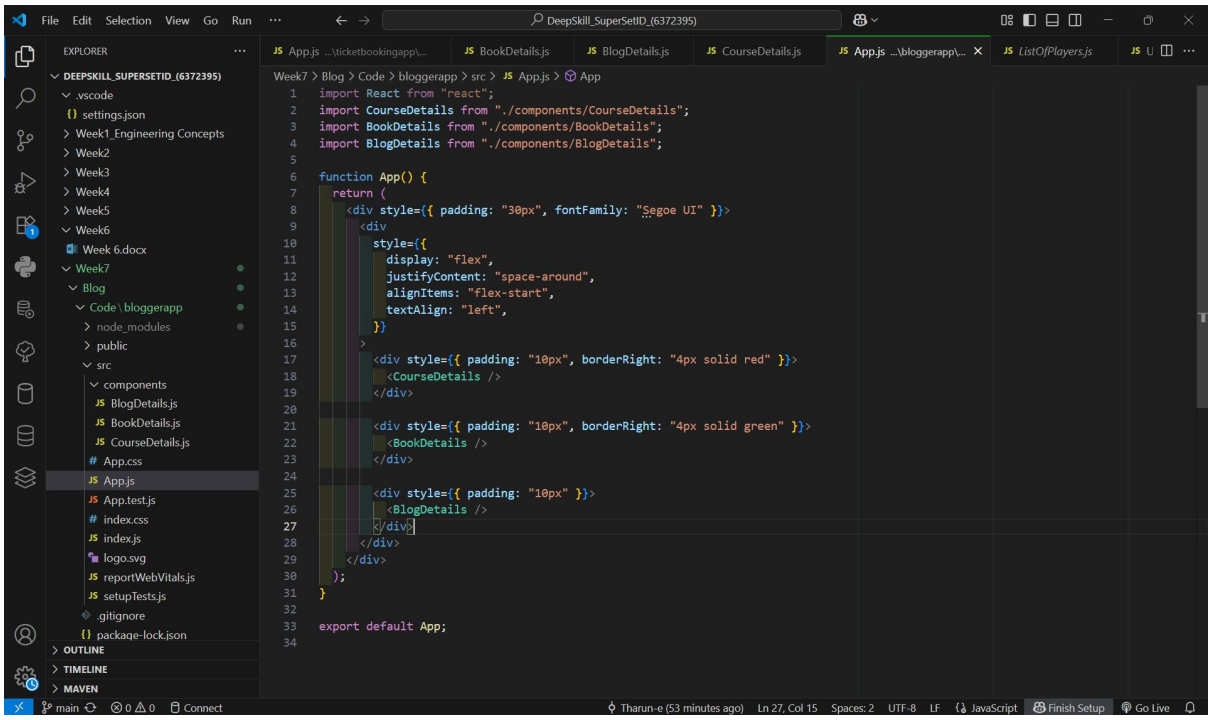
BookDetails.js

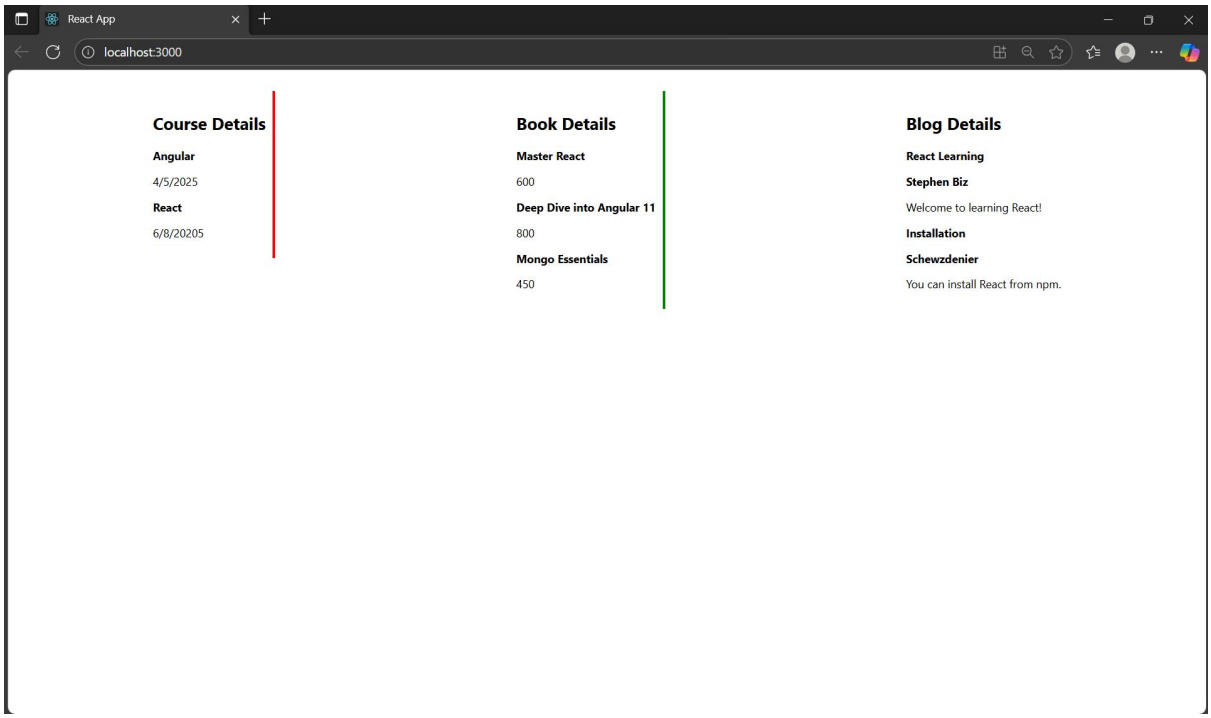


CourseDetails.js



App.js



```
import React from "react";
import CourseDetails from "./components/CourseDetails";
import BookDetails from "./components/BookDetails";
import BlogDetails from "./components/BlogDetails";

function App() {
  return (
    <div style={{ padding: "30px", fontFamily: "Segoe UI" }}>
      <div
        style={{
          display: "flex",
          justifyContent: "space-around",
          alignItems: "flex-start",
          textAlign: "left",
        }}
      >
        <div style={{ padding: "10px", borderRight: "4px solid red" }}>
          <CourseDetails />
        </div>

        <div style={{ padding: "10px", borderRight: "4px solid green" }}>
          <BookDetails />
        </div>

        <div style={{ padding: "10px" }}>
          <BlogDetails />
        </div>
      </div>
    </div>
  );
}

export default App;
```

Output: