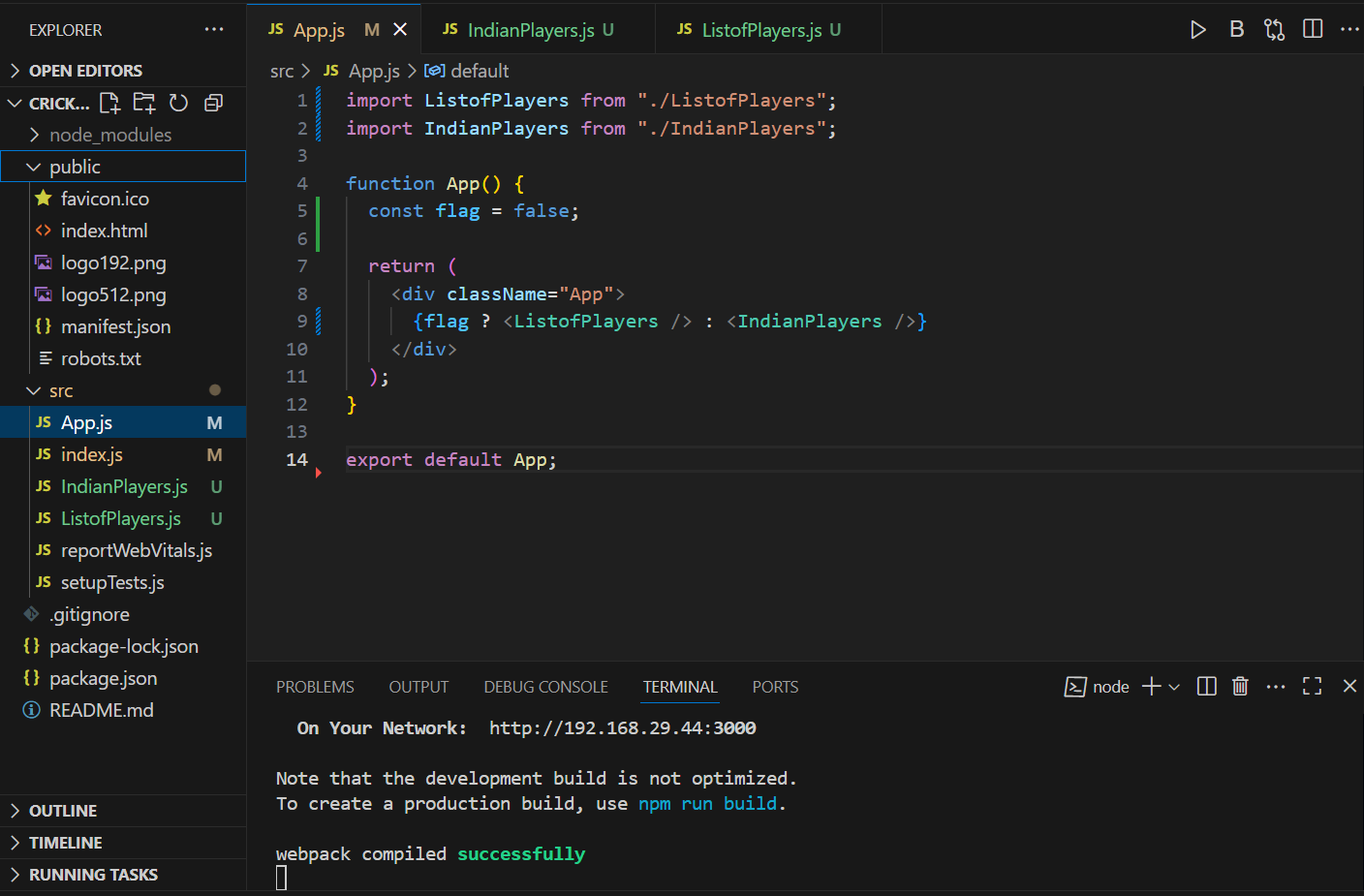
**9. ReactJS-HOL**

****

**## src/ IndianPlayers.js**

function IndianPlayers() {

  const oddPlayers = ["Virat", "Rahul", "Hardik", "Pant", "Bumrah"];

  const evenPlayers = ["Rohit", "Gill", "Jadeja", "Surya", "Shami", "Kuldeep"];

  const [firstOdd, secondOdd, ...restOdd] = oddPlayers;

  const [firstEven, secondEven, ...restEven] = evenPlayers;

  const T20players = ["Virat", "Rohit", "Gill"];

  const RanjiPlayers = ["Rahane", "Pujara", "Iyer"];

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

  return (

    <div>

      <h2>Odd Team Players</h2>

      <p>First Player: {firstOdd}</p>

      <p>Second Player: {secondOdd}</p>

      <p>Others: {restOdd.join(", ")}</p>

      <hr/>

      <h2>Even Team Players</h2>

      <p>First Player: {firstEven}</p>

      <p>Second Player: {secondEven}</p>

      <p>Others: {restEven.join(", ")}</p>

      <hr/>

      <h2>List of Players Merged :</h2>

      <ul>

        {allPlayers.map((player, index) => (

          <li key={index}>{player}</li>

        ))}

      </ul>

    </div>

  );

}

export default IndianPlayers;

**## src/ IndianPlayers.js**

function ListofPlayers() {

   const players = [

    { name: "Virat Kohli", score: 95 },

    { name: "Rohit Sharma", score: 88 },

    { name: "Shubman Gill", score: 45 },

    { name: "KL Rahul", score: 67 },

    { name: "Hardik Pandya", score: 72 },

    { name: "Ravindra Jadeja", score: 59 },

    { name: "Rishabh Pant", score: 82 },

    { name: "Suryakumar Yadav", score: 49 },

    { name: "Mohammed Shami", score: 36 },

    { name: "Jasprit Bumrah", score: 20 },

    { name: "Kuldeep Yadav", score: 50 }

  ];

  const filteredPlayers = players.filter(player => player.score < 70);

  return (

    <div>

      <h2>List of Players</h2>

      <ul>

        {players.map((player, index) => (

          <li key={index}>{player.name} - {player.score}</li>

        ))}

      </ul>

      <hr />

      <h2>List of Players having Scores Less than 70</h2>

      <ul>

        {filteredPlayers.map((player, index) => (

          <li key={index}>{player.name} - {player.score}</li>

        ))}

      </ul>

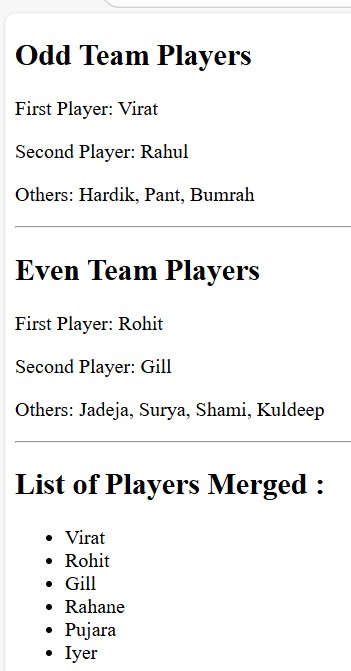
    </div>

  );

}

export default ListofPlayers;

**## Output**



**10. ReactJS-HOL**

**## src/App.js**

**import React from "react";**

function App() {

  const officeSpaces = [

    {

      id: 1,

      name: "Tech Park Tower",

      rent: 55000,

      address: "MG Road, Bangalore",

      image: "https://iccpune.org/assets/images/developments/QOKDv7fcBqnIsF4hZa1TG8XiPyxM5g.jpg"

    },

    {

      id: 2,

      name: "Cyber Hub Plaza",

      rent: 75000,

      address: "Cyber City, Gurgaon",

      image: "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRYuXS0zwkrPAIGkgQM6si8owHlPgoZasVCxA&s"

    },

    {

      id: 3,

      name: "Innovation Center",

      rent: 65000,

      address: "Hitech City, Hyderabad",

      image:"data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQAB………………………………….. "

    },

    {

      id: 4,

      name: "Startup Space",

      rent: 40000,

      address: "Sector 62, Noida",

      image: "data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQABA………………………………………

    }

  ];

  const getRentStyle = (rent) => {

    return {

      color: rent < 60000 ? "red" : "green",

      fontWeight: "bold"

    };

  };

  return (

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

      <h1 style={{ color: "#2c3e50" }}>Office Space Rental Application</h1>

      {officeSpaces.map((office) => (

        <div

          key={office.id}

          style={{

            border: "1px solid #ccc",

            borderRadius: "8px",

            margin: "15px auto",

            padding: "10px",

            width: "350px",

            boxShadow: "0 4px 8px rgba(0,0,0,0.1)"

          }}

        >

          <img

            src={office.image}

            alt={office.name}

            style={{ width: "100%", borderRadius: "8px" }}

          />

          <h2>{office.name}</h2>

          <p style={getRentStyle(office.rent)}>Rent: ₹{office.rent}</p>

          <p>Address: {office.address}</p>

        </div>

      ))}

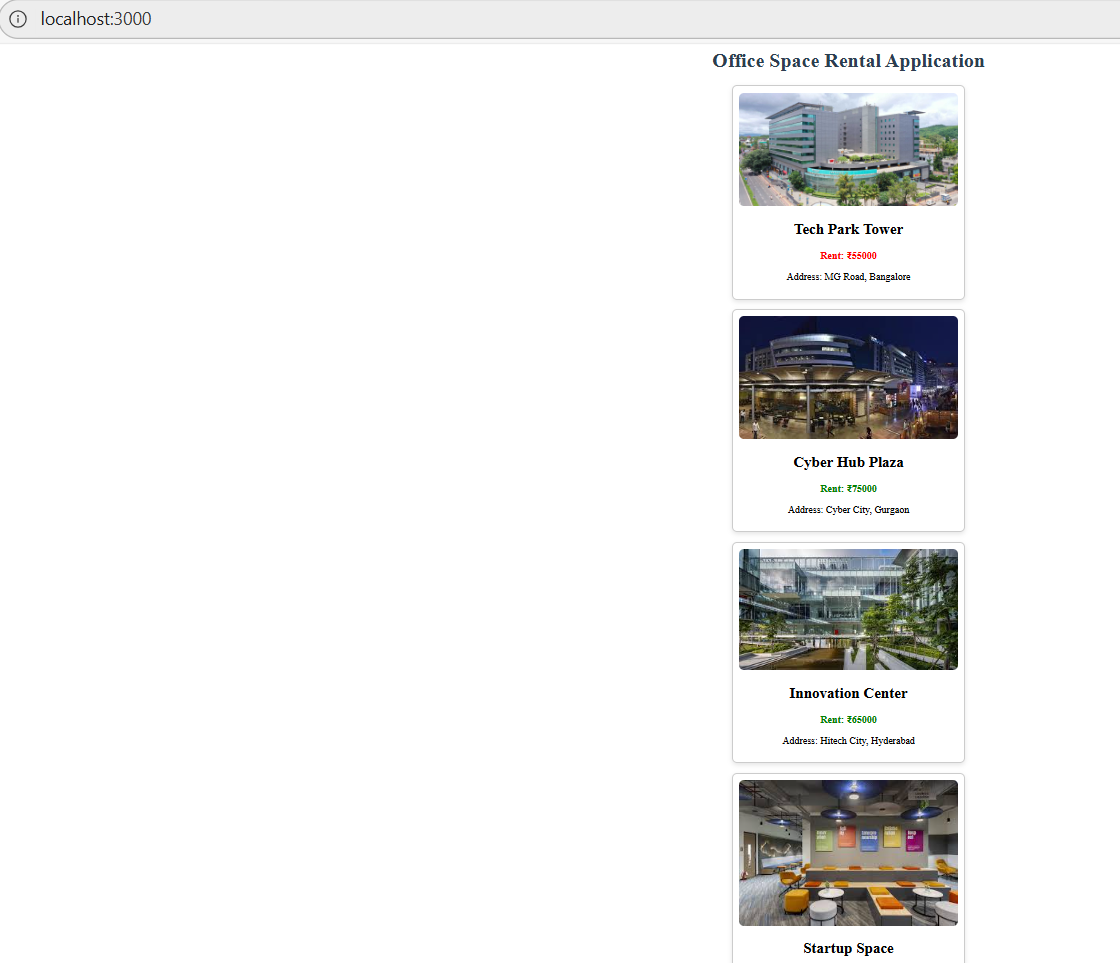
    </div>

  );

}

export default App;

**## Output**

****

**11. ReactJS-HOL**

**## src/App.js**

import { useState } from "react";

import CurrencyConvertor from "./CurrencyConvertor";

function App() {

  const [count, setCount] = useState(0);

  const incrementCounter = () => {

    setCount(count + 1);

    sayHello();

  };

  const sayHello = () => {

    alert("Hello! This is a static message after increment.");

  };

  const decrementCounter = () => {

    setCount(count - 1);

  };

  const sayWelcome = (msg) => {

    alert(msg);

  };

  const handleOnPress = (event) => {

    alert("I was clicked");

    console.log("Synthetic Event:", event);

  };

  return (

    <div style={{ textAlign: "center", marginTop: "50px" }}>

      <h1>React Event Handling Example</h1>

      <h2>Counter Value: {count}</h2>

      <button onClick={incrementCounter}>Increment</button>

      <button onClick={decrementCounter}>Decrement</button>

      <br /><br />

      <button onClick={() => sayWelcome("Welcome to React Events!")}>

        Say Welcome

      </button>

      <br /><br />

      <button onClick={handleOnPress}>OnPress</button>

      <br /><br />

      <CurrencyConvertor />

    </div>

  );

}

export default App;

**## src/ CurrencyConvertor.js**

import { useState } from "react";

function CurrencyConvertor() {

  const [rupees, setRupees] = useState("");

  const [euro, setEuro] = useState("");

  const handleSubmit = (e) => {

    e.preventDefault();

    const convertedValue = (rupees / 90).toFixed(2); // 1 Euro = 90 INR

    setEuro(convertedValue);

  };

  return (

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

      <h2>Currency Converter (INR ➡️ Euro)</h2>

      <form onSubmit={handleSubmit}>

        <input

          type="number"

          placeholder="Enter amount in INR"

          value={rupees}

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

          required

        />

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

      </form>

      {euro && <h3>{rupees} INR = {euro} EUR</h3>}

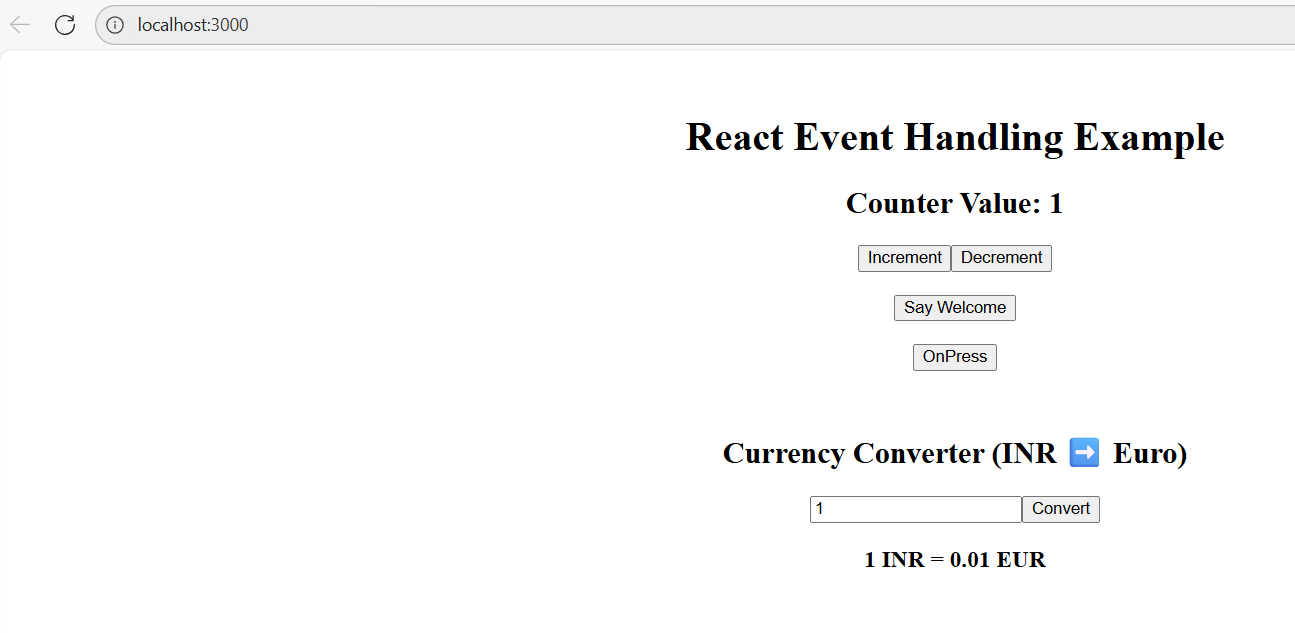
    </div>

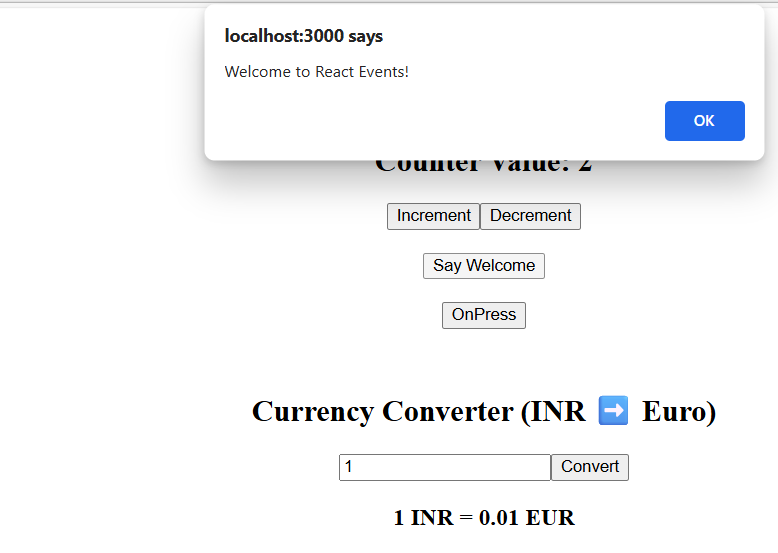
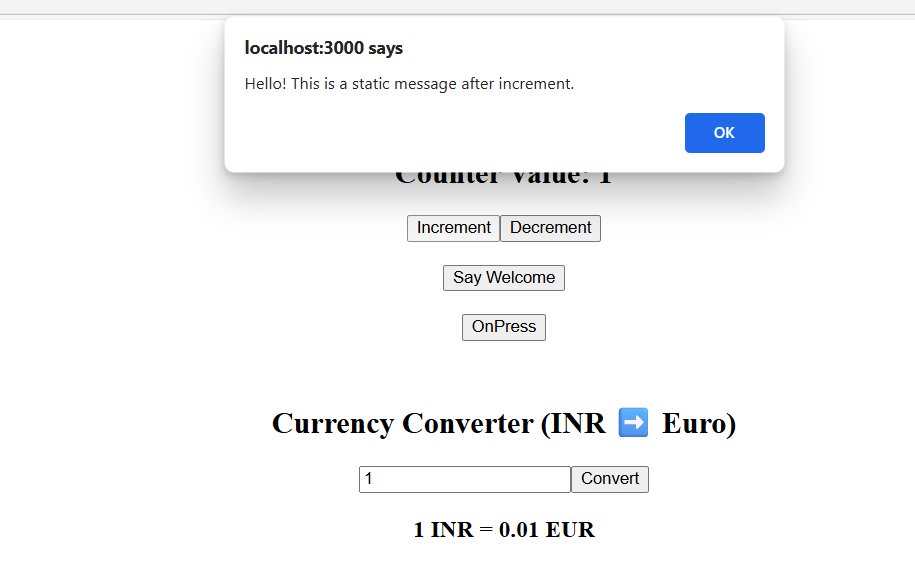
  );

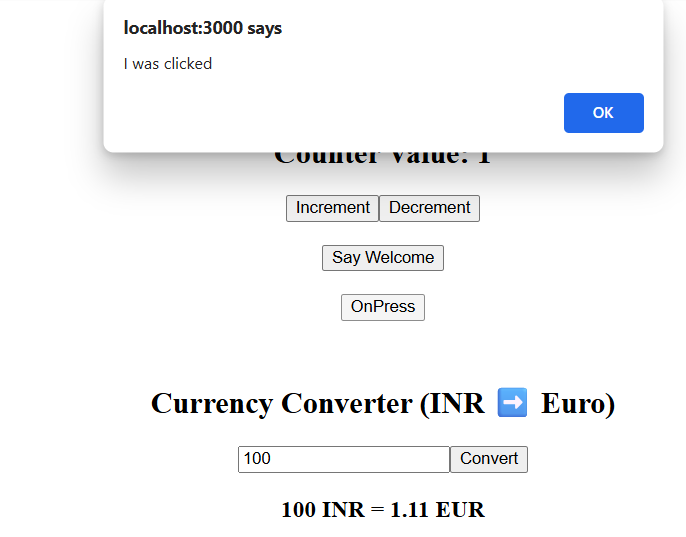
}

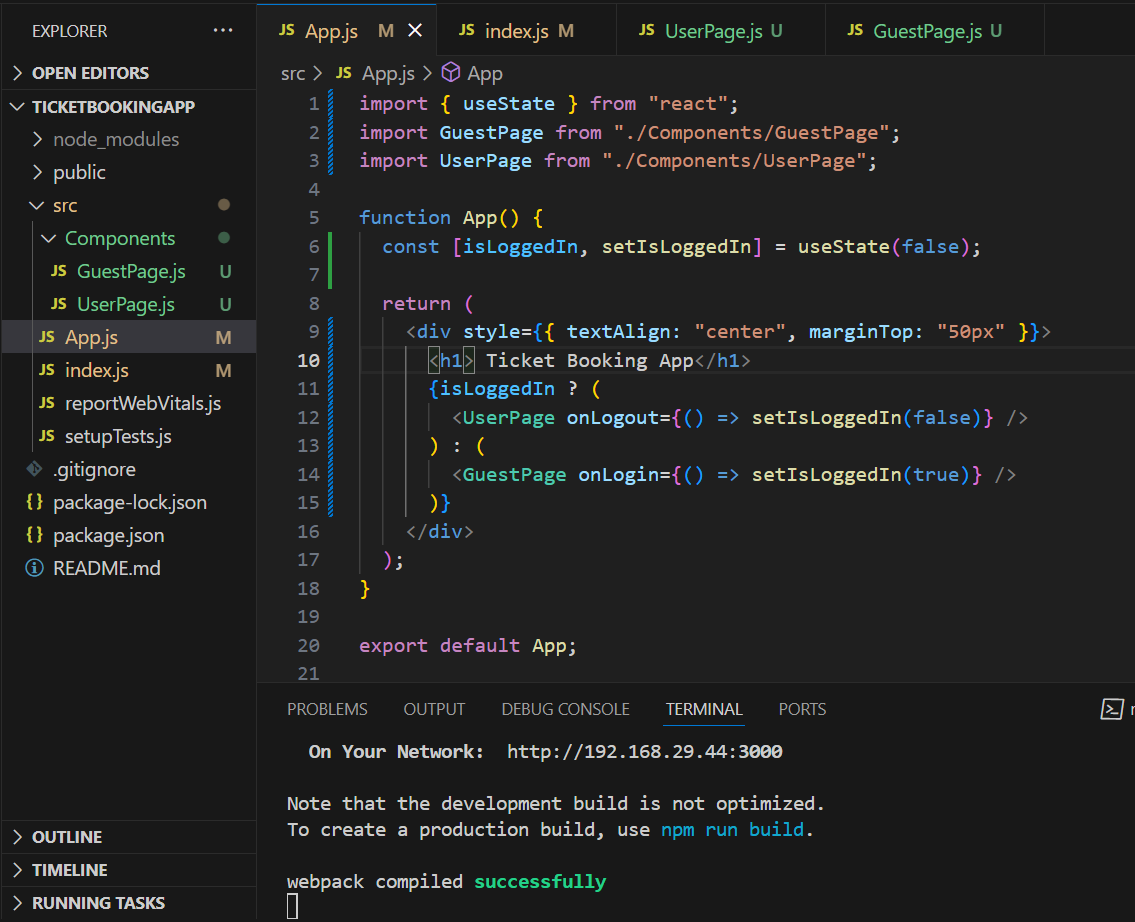
export default CurrencyConvertor;

**## Output**

****

****

****

**12. ReactJS-HOL**

**## src/Components/ GuestPage.js**

const GuestPage = ({ onLogin }) => {

  return (

    <div>

      <h2>Welcome Guest! </h2>

      <p>Browse available flights below:</p>

      <ul>

        <li>Flight 101 - New York to London - $550</li>

        <li>Flight 202 - Delhi to Dubai - $400</li>

        <li>Flight 303 - Paris to Tokyo - $700</li>

      </ul>

      <button onClick={onLogin} style={{ marginTop: "10px", padding: "10px 20px" }}>

        Login to Book Tickets

      </button>

    </div>

  );

};

export default GuestPage;

**## src/Components/UserPage.js**

const UserPage = ({ onLogout }) => {

  return (

    <div>

      <h2>Welcome User!</h2>

      <p>Select a flight and book your ticket:</p>

      <ul>

        <li>Flight 101 - New York to London - <button>Book Now</button></li>

        <li>Flight 202 - Delhi to Dubai - <button>Book Now</button></li>

        <li>Flight 303 - Paris to Tokyo - <button>Book Now</button></li>

      </ul>

      <button onClick={onLogout} style={{ marginTop: "10px", padding: "10px 20px" }}>

        Logout

      </button>

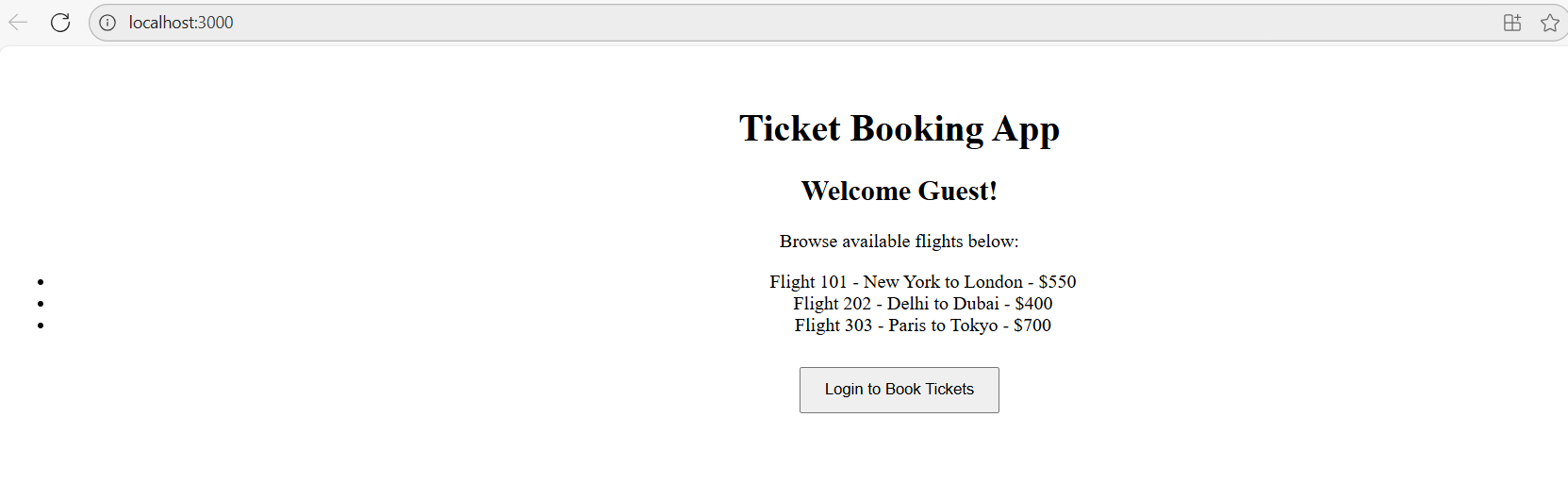
    </div>

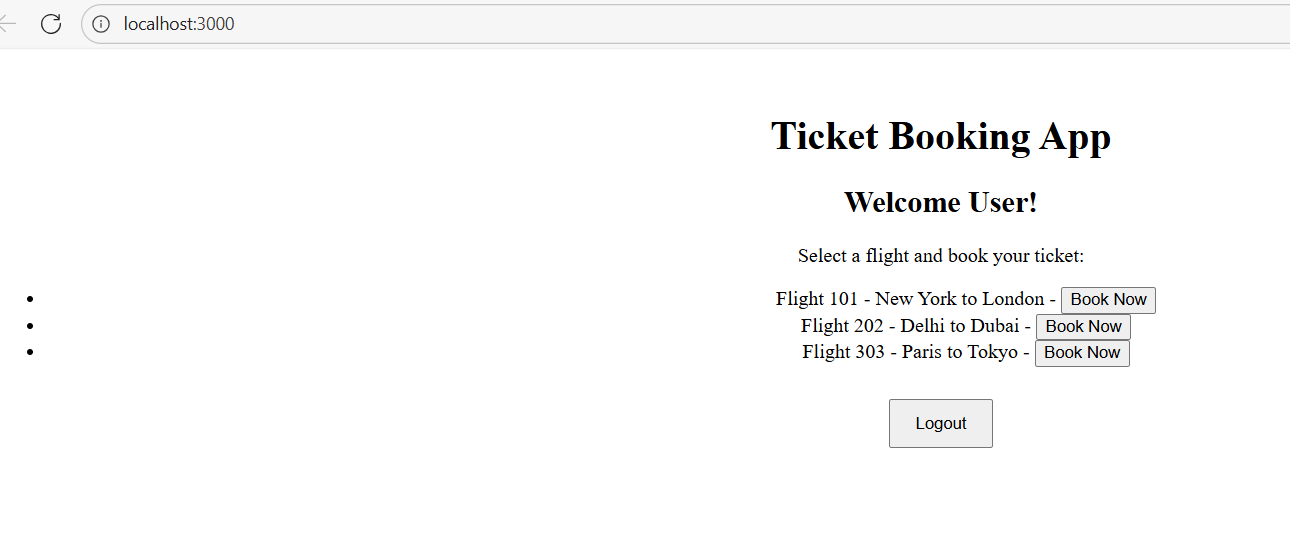
  );

};

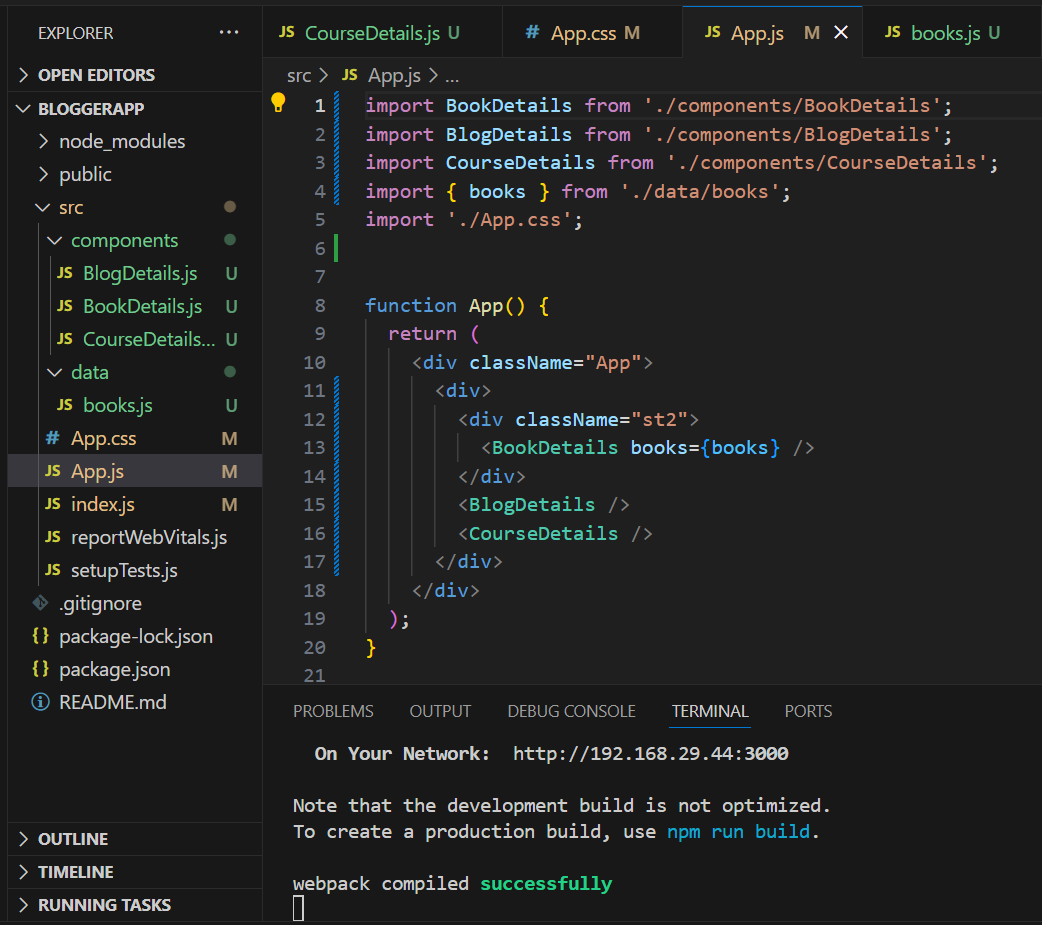
export default UserPage;

**## Output**

****

****

**13. ReactJS-HOL**

****

**## src/data/books.js**

export const books = [

  { id: 101, bname: 'Master React', price: 670 },

  { id: 102, bname: 'Deep Dive into Angular 11', price: 800 },

  { id: 103, bname: 'Mongo Essentials', price: 450 }

];

**## src/comnponents/ BookDetails.js**

const BookDetails = (props) => {

  const bookdet = (

    <ul>

      {props.books.map((book) => (

        <div key={book.id}>

          <h3>{book.bname}</h3>

          <h4>{book.price}</h4>

        </div>

      ))}

    </ul>

  );

  return (

    <div>

      <h1>Book Details</h1>

      {bookdet}

    </div>

  );

};

export default BookDetails;

**## src/comnponents/ BlogDetails.js**

const BlogDetails = () => {

  const content = (

    <ul>

      <li>

        <h3>React Learning</h3>

        <p><strong>Stephen Biz</strong></p>

        <p>Welcome to learning React!</p>

      </li>

      <li>

        <h3>Installation</h3>

        <p><strong>Schwezdenier</strong></p>

        <p>You can install React from npm.</p>

      </li>

    </ul>

  );

  return (

    <div className="v1">

      <h1>Blog Details</h1>

      {content}

    </div>

  );

};

export default BlogDetails;

**## src/comnponents/ CourseDetails.js**

const CourseDetails = () => {

  const coursedet = (

    <ul>

      <li>

        <h3>Angular</h3>

        <p>4/5/2021</p>

      </li>

      <li>

        <h3>React</h3>

        <p>6/3/20201</p>

      </li>

    </ul>

  );

  return (

    <div className="mystyle1">

      <h1>Course Details</h1>

      {coursedet}

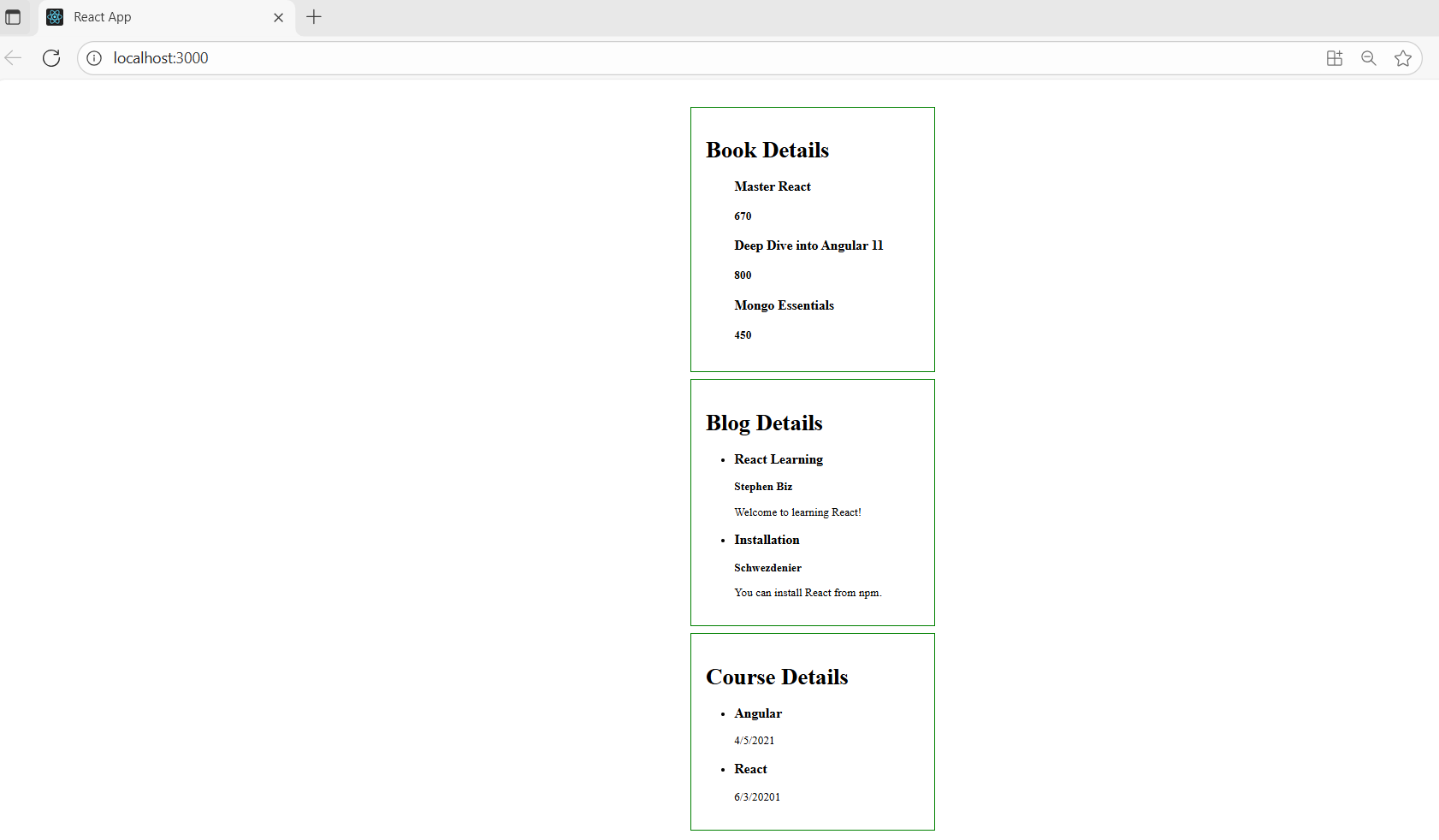
    </div>

  );

};

export default CourseDetails;

**## Output**

****