**Cricket App**

**ListofPlayers.js:**

import React from 'react';

const players = [

  { name: "Mr. Jack", score: 50 },

  { name: "Mr. Michael", score: 70 },

  { name: "Mr. John", score: 40 },

  { name: "Mr. Ann", score: 61 },

  { name: "Mr. Elisabeth", score: 61 },

  { name: "Mr. Sachin", score: 95 },

  { name: "Mr. Dhoni", score: 100 },

  { name: "Mr. Virat", score: 84 },

  { name: "Mr. Jadeja", score: 64 },

  { name: "Mr. Raina", score: 75 },

  { name: "Mr. Rohit", score: 80 }

];

const ListofPlayers = () => {

  const lowScorers = 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>

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

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

        ))}

      </ul>

    </div>

  );

};

export default ListofPlayers;

**IndianPlayers.js:**

import React from 'react';

const IndianPlayers = () => {

  const evenPlayers = [

    { label: "Second", name: "Dhoni2" },

    { label: "Fourth", name: "Rohit4" },

    { label: "Sixth", name: "Raina6" }

  ];

  const oddPlayers = [

    { label: "First", name: "Sachin1" },

    { label: "Third", name: "Virat3" },

    { label: "Fifth", name: "Yuvaraj5" }

  ];

  const T20players = [

    "Mr. First Player",

    "Mr. Second Player",

    "Mr. Third Player"

  ];

  const RanjiPlayers = [

    "Mr. Fourth Player",

    "Mr. Fifth Player",

    "Mr. Sixth Player"

  ];

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

  return (

    <div>

      <h2>Odd Players</h2>

      <ul>

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

          <li key={index}>{player.label} : {player.name}</li>

        ))}

      </ul>

      <hr />

      <h2>Even Players</h2>

      <ul>

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

          <li key={index}>{player.label} : {player.name}</li>

        ))}

      </ul>

      <hr />

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

      <ul>

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

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

        ))}

      </ul>

    </div>

  );

};

export default IndianPlayers;

**App.js:**

import React from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

function App() {

  const flag = true;

  return (

    <div className="App">

      {flag ? <ListofPlayers /> : <IndianPlayers />}

    </div>

  );

}

export default App;

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import React from 'react';

import ListofPlayers from './ListofPlayers';

import IndianPlayers from './IndianPlayers';

function App() {

  const flag = false;

  return (

    <div className="App">

      {flag ? <ListofPlayers /> : <IndianPlayers />}

    </div>

  );

}

export default App;

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**Office space rental app**

**OfficeSpaceRental.js:**

import React from 'react';

import './App.css';

const OfficeSpaceRental = () => {

  const element = "Office Space";

  const sr = "https://bestofficefinder.com/uploads/property/gallery/1607169813RJjwIZsb.png";

  const offices = [

    { Name: "DBS", Rent: 50000, Address: "Chennai" }

  ];

  return (

    <div style={{ padding: "20px" }}>

      <h1>{element} , at Affordable Range</h1>

      <img src={sr} width="25%" height="25%" alt="Office Space" />

      {offices.map((office, index) => {

        let colors = [];

        if (office.Rent <= 60000) {

          colors.push("textRed");

        } else {

          colors.push("textGreen");

        }

        return (

          <div key={index} style={{ marginTop: "20px" }}>

            <h2>Name: {office.Name}</h2>

            <h3 className={colors.join(" ")}>Rent: Rs. {office.Rent}</h3>

            <h3>Address: {office.Address}</h3>

          </div>

        );

      })}

    </div>

  );

};

export default OfficeSpaceRental;

**App.js:**

import React from 'react';

import './App.css';

import OfficeSpaceRental from './OfficeSpaceRental';

function App() {

  return (

    <div className="App">

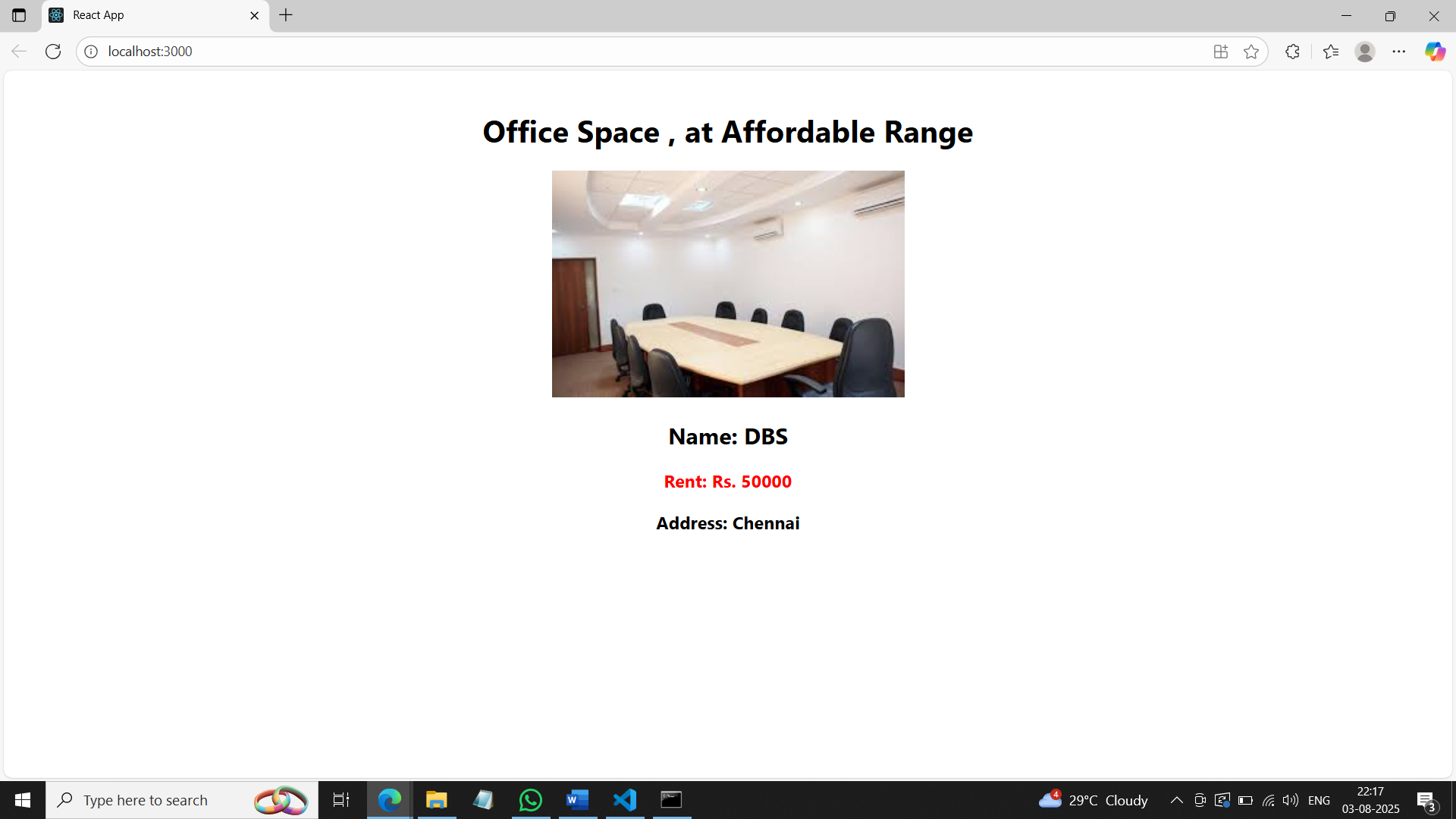
      <OfficeSpaceRental />

    </div>

  );

}

export default App;



**Event examples app**

**EventExamples.js:**

import React, { Component } from 'react';

class EventExamples extends Component {

  constructor(props) {

    super(props);

    this.state = {

      count: 5,

      amount: '',

      currency: '',

      result: ''

    };

  }

  increment = () => {

    this.setState(prevState => ({ count: prevState.count + 1 }));

    this.sayHello();

  };

  decrement = () => {

    this.setState(prevState => ({ count: prevState.count - 1 }));

  };

  sayHello = () => {

    alert("Hello! Member1");

  };

  sayWelcome = (msg) => {

    alert(`Welcome ${msg}`);

  };

  handleClick = (e) => {

    alert("I was clicked");

  };

  handleAmountChange = (e) => {

    this.setState({ amount: e.target.value });

  };

  handleCurrencyChange = (e) => {

    this.setState({ currency: e.target.value });

  };

  handleSubmit = (e) => {

    e.preventDefault();

    const { amount } = this.state;

    const euroRate = 0.011; // Example conversion rate

    const converted = amount \* euroRate;

    this.setState({ result: `₹${amount} = €${converted.toFixed(2)}` });

  };

  render() {

    return (

      <div style={{ padding: '20px' }}>

        <p>{this.state.count}</p>

        <button onClick={this.increment}>Increment</button>

        <button onClick={this.decrement}>Decrement</button>

        <button onClick={() => this.sayWelcome("Member1")}>Say welcome</button>

        <button onClick={this.handleClick}>Click on me</button>

        <h2 style={{ color: "green", marginTop: "40px" }}>Currency Convertor!!!</h2>

        <form onSubmit={this.handleSubmit}>

          <div>

            <label>Amount: </label>

            <input type="text" value={this.state.amount} onChange={this.handleAmountChange} />

          </div>

          <div>

            <label>Currency: </label>

            <textarea value={this.state.currency} onChange={this.handleCurrencyChange}></textarea>

          </div>

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

        </form>

        {this.state.result && <h3>{this.state.result}</h3>}

      </div>

    );

  }

}

export default EventExamples;

**App.js:**

import React from 'react';

import './App.css';

import EventExamples from './EventExamples';

function App() {

  return (

    <div className="App">

      <EventExamples />

    </div>

  );

}

export default App;

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**Ticket booking app**

**App.js:**

import React, { useState } from 'react';

function App() {

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

  const handleLogin = () => {

    setIsLoggedIn(true);

  };

  const handleLogout = () => {

    setIsLoggedIn(false);

  };

  return (

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

      {isLoggedIn ? (

        <div>

          <h1>Welcome back</h1>

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

        </div>

      ) : (

        <div>

          <h1>Please sign up.</h1>

          <button onClick={handleLogin}>Login</button>

        </div>

      )}

    </div>

  );

}

export default App;

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**Blogger app**

**App.js:**

import React from 'react';

const courses = [

  { name: 'Angular', date: '4/5/2021' },

  { name: 'React', date: '6/3/20201' },

];

const books = [

  { title: 'Master React', price: 670 },

  { title: 'Deep Dive into Angular 11', price: 800 },

  { title: 'Mongo Essentials', price: 450 },

];

const blogs = [

  {

    title: 'React Learning',

    author: 'Stephen Biz',

    content: 'Welcome to learning React!',

  },

  {

    title: 'Installation',

    author: 'Schewzdenier',

    content: 'You can install React from npm.',

  },

];

function CourseDetails() {

  return (

    <div style={{ flex: 1, padding: '10px', borderRight: '3px solid green' }}>

      <h2>Course Details</h2>

      {courses.map((course, index) => (

        <div key={index}>

          <h3>{course.name}</h3>

          <p>{course.date}</p>

        </div>

      ))}

    </div>

  );

}

function BookDetails() {

  return (

    <div style={{ flex: 1, padding: '10px', borderRight: '3px solid green' }}>

      <h2>Book Details</h2>

      {books.map((book, index) => (

        <div key={index}>

          <h3>{book.title}</h3>

          <p>{book.price}</p>

        </div>

      ))}

    </div>

  );

}

function BlogDetails() {

  return (

    <div style={{ flex: 1, padding: '10px' }}>

      <h2>Blog Details</h2>

      {blogs.map((blog, index) => (

        <div key={index}>

          <h3>{blog.title}</h3>

          <p><strong>{blog.author}</strong></p>

          <p>{blog.content}</p>

        </div>

      ))}

    </div>

  );

}

function App() {

  return (

    <div style={{ display: 'flex', textAlign: 'left', margin: '20px' }}>

      <CourseDetails />

      <BookDetails />

      <BlogDetails />

    </div>

  );

}

export default App;

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