import React from 'react';

function BlogDetails({ show, blogs }) {

  return show ? (

    <div>

      <h3>Blog Details</h3>

      {blogs.length > 0 ? (

        <ul>

          {blogs.map((blog, index) => (

            <li key={index}>

               {blog.title} - {blog.topic}

            </li>

          ))}

        </ul>

      ) : (

        <p>No blogs written yet.</p>

      )}

    </div>

  ) : null;

}

export default BlogDetails;

import React from 'react';

function BookDetails({ books }) {

  if (books.length === 0) {

    return <p>No books available.</p>;

  }

  return (

    <div>

      <h3>Book Details</h3>

      <ul>

        {books.map((book, index) => (

          <li key={index}>

            <strong>{book.title}</strong> by {book.author}

          </li>

        ))}

      </ul>

    </div>

  );

}

export default BookDetails;

import React from 'react';

function CourseDetails({ courses }) {

  return (

    <>

      <h3>Course Details</h3>

      {courses.length && (

        <ul>

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

            <li key={index}>

               {course.name} ({course.duration} weeks)

            </li>

          ))}

        </ul>

      )}

    </>

  );

}

export default CourseDetails;

import React, { Component } from 'react';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

class App extends Component {

  constructor(props) {

*super*(props);

*this*.state = {

      showBooks: true,

      showBlogs: true,

      showCourses: true,

      books: [

        { title: 'Clean Code', author: 'Robert C. Martin' },

        { title: 'React Explained', author: 'Zac Gordon' }

      ],

      blogs: [

        { title: 'React Basics', topic: 'React' },

        { title: 'State Management', topic: 'Redux' }

      ],

      courses: [

        { name: 'React Fundamentals', duration: 4 },

        { name: 'Advanced React', duration: 6 }

      ]

    };

  }

  toggleComponent = (comp) => {

*this*.setState((prevState) => ({

      [comp]: !prevState[comp]

    }));

  };

  render() {

    const { books, blogs, courses, showBooks, showBlogs, showCourses } = *this*.state;

    return (

      <div className="App">

        <h1>Welcome to Blogger App</h1>

        <button onClick={() => *this*.toggleComponent('showBooks')}>

          Toggle Book Details

        </button>

        <button onClick={() => *this*.toggleComponent('showBlogs')}>

          Toggle Blog Details

        </button>

        <button onClick={() => *this*.toggleComponent('showCourses')}>

          Toggle Course Details

        </button>

        <hr />

        {showBooks && <BookDetails books={books} />}

        <BlogDetails show={showBlogs} blogs={blogs} />

        {showCourses ? <CourseDetails courses={courses} /> : <p>Courses hidden.</p>}

      </div>

    );

  }

}

export default App;

