**BLOGGERAPP**

**BookDetails.js:**

// src/components/BookDetails.js

import React from 'react';

function BookDetails({ books }) {

return (

<div>

<h2>📚 Book Details</h2>

<ul>

{books.map((book, index) => (

<li key={book.id}>

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

</li>

))}

</ul>

</div>

);

}

export default BookDetails;

**BlogDetails.js:**

// src/components/BlogDetails.js

import React from 'react';

function BlogDetails({ blogs }) {

return (

<div>

<h2>📝 Blog Posts</h2>

{blogs.map(blog => (

<div key={blog.id} style={{ marginBottom: '10px' }}>

<h4>{blog.title}</h4>

<p>{blog.content}</p>

</div>

))}

</div>

);

}

export default BlogDetails;

**CourseDetails.js:**

// src/components/CourseDetails.js

import React from 'react';

function CourseDetails({ courses }) {

return (

<div>

<h2>🎓 Course List</h2>

<ul>

{courses.map(course => (

<li key={course.code}>

{course.name} - Code: {course.code}

</li>

))}

</ul>

</div>

);

}

export default CourseDetails;

**App.js:**

// src/App.js

import React, { useState } from 'react';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

function App() {

const [selected, setSelected] = useState("book");

const books = [

{ id: 1, title: "Atomic Habits", author: "James Clear" },

{ id: 2, title: "Deep Work", author: "Cal Newport" }

];

const blogs = [

{ id: 1, title: "React Basics", content: "Learning JSX, components, props." },

{ id: 2, title: "Advanced React", content: "Hooks, Context API, and Redux." }

];

const courses = [

{ code: "R101", name: "React Fundamentals" },

{ code: "R102", name: "React with Redux" }

];

// Conditional Rendering — Method 1: if-else

let content;

if (selected === "book") {

content = <BookDetails books={books} />;

} else if (selected === "blog") {

content = <BlogDetails blogs={blogs} />;

} else {

content = <CourseDetails courses={courses} />;

}

return (

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

<h1>Blogger App</h1>

{/\* Conditional Rendering — Method 2: Button toggle \*/}

<div style={{ marginBottom: '15px' }}>

<button onClick={() => setSelected("book")}>Show Books</button>&nbsp;

<button onClick={() => setSelected("blog")}>Show Blogs</button>&nbsp;

<button onClick={() => setSelected("course")}>Show Courses</button>

</div>

{/\* Conditional Rendering — Method 3: Using variable \*/}

{content}

{/\* Conditional Rendering — Method 4: Ternary Operator \*/}

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

<h3>Using Ternary:</h3>

{selected === "blog" ? (

<p>You're viewing blogs.</p>

) : selected === "course" ? (

<p>You're viewing courses.</p>

) : (

<p>You're viewing books.</p>

)}

</div>

{/\* Conditional Rendering — Method 5: Logical AND \*/}

<div style={{ marginTop: '10px' }}>

{selected === "book" && <p>Books are great companions!</p>}

</div>

</div>

);

}

export default App;