[*BookDetails.js*](http://bookdetails.js)*:*

import React from 'react';

const BookDetails = ({ books }) => {

return (

<div className="details-container">

<h2>Book Details</h2>

<ul className="items-list">

{books.map(book => (

<li key={book.id}>

<h3>{book.title}</h3>

<p>Author: {book.author}</p>

<p>Year: {book.year}</p>

</li>

))}

</ul>

</div>

);

};

export default BookDetails;

[*BlogDetails.js*](http://blogdetails.js)*:*

import React from 'react';

const BlogDetails = ({ blogs }) => {

return (

<div className="details-container">

<h2>Blog Details</h2>

<ul className="items-list">

{blogs.map(blog => (

<li key={blog.id}>

<h3>{blog.title}</h3>

<p>Author: {blog.author}</p>

<p>Date: {blog.date}</p>

</li>

))}

</ul>

</div>

);

};

export default BlogDetails;

[*CourseDetails.js*](http://coursedetails.js)*:*

import React from 'react';

const CourseDetails = ({ courses }) => {

return (

<div className="details-container">

<h2>Course Details</h2>

<ul className="items-list">

{courses.map(course => (

<li key={course.id}>

<h3>{course.title}</h3>

<p>Instructor: {course.instructor}</p>

<p>Duration: {course.duration}</p>

</li>

))}

</ul>

</div>

);

};

export default CourseDetails;

[*App.js*](http://app.js)*:*

import React, { useState } from 'react';

import './App.css';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

import CourseDetails from './CourseDetails';

function App() {

const [activeTab, setActiveTab] = useState('books');

// Sample data

const books = [

{ id: 1, title: 'React Basics', author: 'John Doe', year: 2022 },

{ id: 2, title: 'Advanced JavaScript', author: 'Jane Smith', year: 2021 },

];

const blogs = [

{ id: 1, title: 'Getting Started with React', author: 'Alex Johnson', date: '2023-05-15' },

{ id: 2, title: 'State Management in 2023', author: 'Sarah Williams', date: '2023-06-20' },

];

const courses = [

{ id: 1, title: 'React Fundamentals', instructor: 'Mike Chen', duration: '8 hours' },

{ id: 2, title: 'Modern JavaScript', instructor: 'Emily Davis', duration: '12 hours' },

];

// Method 1: If-else conditional rendering

const renderContent = () => {

if (activeTab === 'books') {

return <BookDetails books={books} />;

} else if (activeTab === 'blogs') {

return <BlogDetails blogs={blogs} />;

} else if (activeTab === 'courses') {

return <CourseDetails courses={courses} />;

}

};

// Method 2: Element variables

let content;

switch (activeTab) {

case 'books':

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

break;

case 'blogs':

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

break;

case 'courses':

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

break;

default:

content = <div>Select a category</div>;

}

return (

<div className="App">

<h1>Blogger App</h1>

<div className="tabs">

<button

onClick={() => setActiveTab('books')}

className={activeTab === 'books' ? 'active' : ''}

>

Books

</button>

<button

onClick={() => setActiveTab('blogs')}

className={activeTab === 'blogs' ? 'active' : ''}

>

Blogs

</button>

<button

onClick={() => setActiveTab('courses')}

className={activeTab === 'courses' ? 'active' : ''}

>

Courses

</button>

</div>

{/\* Method 3: Ternary operator \*/}

<div className="content">

{activeTab === 'books' ? (

<BookDetails books={books} />

) : activeTab === 'blogs' ? (

<BlogDetails blogs={blogs} />

) : (

<CourseDetails courses={courses} />

)}

</div>

{/\* Method 4: Logical && operator \*/}

{activeTab === 'books' && <BookDetails books={books} />}

{activeTab === 'blogs' && <BlogDetails blogs={blogs} />}

{activeTab === 'courses' && <CourseDetails courses={courses} />}

{/\* Method 5: Using render function \*/}

{renderContent()}

{/\* Method 6: Using element variable \*/}

{content}

</div>

);

}

export default App;

App.css:

.App {

font-family: Arial, sans-serif;

max-width: 800px;

margin: 0 auto;

padding: 20px;

}

.tabs {

display: flex;

gap: 10px;

margin-bottom: 20px;

}

.tabs button {

padding: 10px 15px;

background-color: #f0f0f0;

border: none;

border-radius: 4px;

cursor: pointer;

font-size: 16px;

}

.tabs button.active {

background-color: #4CAF50;

color: white;

}

.details-container {

border: 1px solid #ddd;

border-radius: 8px;

padding: 20px;

margin-top: 20px;

}

.items-list {

list-style: none;

padding: 0;

}

.items-list li {

border-bottom: 1px solid #eee;

padding: 15px 0;

}

.items-list li:last-child {

border-bottom: none;

}

.items-list h3 {

margin-top: 0;

color: #2c3e50;

}

Output:



