import React from 'react';

const BookDetails = () => {

return (

<div>

<h2>📚 Book Details</h2>

<p>Title: "The Great Gatsby"</p>

<p>Author: F. Scott Fitzgerald</p>

<p>Year: 1925</p>

</div>

);

};

export default BookDetails;

import React from 'react';

const BlogDetails = () => {

return (

<div>

<h2>📝 Blog Details</h2>

<p>Title: "React Patterns"</p>

<p>Author: Dan Abramov</p>

<p>Date: July 2021</p>

</div>

);

};

export default BlogDetails;

import React from 'react';

const CourseDetails = () => {

return (

<div>

<h2>🎓 Course Details</h2>

<p>Course: "Full Stack Development"</p>

<p>Instructor: John Doe</p>

<p>Duration: 6 months</p>

</div>

);

};

export default CourseDetails;

import React, { useState } from 'react';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

function App() {

const [view, setView] = useState('book'); // Default

// Element Variable Method

let content;

if (view === 'book') {

content = <BookDetails />;

} else if (view === 'blog') {

content = <BlogDetails />;

} else if (view === 'course') {

content = <CourseDetails />;

}

// Switch statement method (alternative)

const renderSwitch = () => {

switch (view) {

case 'book':

return <BookDetails />;

case 'blog':

return <BlogDetails />;

case 'course':

return <CourseDetails />;

default:

return <p>No view selected.</p>;

}

};

return (

<div className="App" style={{ padding: '20px', fontFamily: 'Arial' }}>

<h1>📖 Blogger App</h1>

{/\* Conditional Buttons \*/}

<button onClick={() => setView('book')}>Show Book</button>

<button onClick={() => setView('blog')}>Show Blog</button>

<button onClick={() => setView('course')}>Show Course</button>

<button onClick={() => setView('none')}>Clear</button>

<hr />

{/\* 1. Using element variable \*/}

{content}

{/\* 2. Ternary Operator \*/}

{view === 'none' ? <p>Please select a view</p> : null}

{/\* 3. Logical && Operator \*/}

{view === 'blog' && <p>You're viewing a blog post.</p>}

{/\* 4. Switch rendering \*/}

{/\* You could replace the above with this:

{renderSwitch()}

\*/}

</div>

);

}

export default App;

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(<App />);

OUTPUT:

ON LOAD:

📖 Blogger App

[Show Book] [Show Blog] [Show Course] [Clear]

-- Shows Book Details by default --

AFTER CLICKING "SHOW BLOG":

📝 Blog Details

Title: React Patterns

...

You're viewing a blog post.

AFTER CLICKING "CLEAR":

Please select a view

(No other component shown)