**Ex 13**

**App.js**

import React, { useState } from 'react';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

import CourseDetails from './CourseDetails';

const App = () => {

const [activeComponent, setActiveComponent] = useState("book");

const renderComponent = () => {

if (activeComponent === "book") {

return <BookDetails />;

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

return <BlogDetails />;

} else if (activeComponent === "course") {

return <CourseDetails />;

} else {

return <h3>Select an option</h3>;

}

};

return (

<div style={{ padding: "30px", fontFamily: "Arial" }}>

<h1>📘 Blogger App</h1>

<button onClick={() => setActiveComponent("book")}>Show Books</button>

<button onClick={() => setActiveComponent("blog")}>Show Blogs</button>

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

<hr />

{renderComponent()}

</div>

);

};

export default App;

**BookDetails.js**

import React from 'react';

const books = [

{ id: 1, title: "You Can Win", author: "Shiv Khera" },

{ id: 2, title: "Atomic Habits", author: "James Clear" },

{ id: 3, title: "The Alchemist", author: "Paulo Coelho" }

];

const BookDetails = () => {

return (

<div>

<h2>Book List</h2>

{books.length > 0 ? (

books.map(book => (

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

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

</div>

))

) : (

<p>No books available</p>

)}

</div>

);

};

export default BookDetails;

**BlogDetails.js**

import React from 'react';

const blogs = [

{ id: 1, title: "React 18 Features", writer: "Anushka" },

{ id: 2, title: "Frontend vs Backend", writer: "Abishek" }

];

const BlogDetails = () => {

return (

<div>

<h2>Blog List</h2>

{blogs.length === 0 && <p>No blogs to show</p>}

{blogs.length > 0 && (

<ul>

{blogs.map((blog) => (

<li key={blog.id}>

{blog.title} - <i>{blog.writer}</i>

</li>

))}

</ul>

)}

</div>

);

};

export default BlogDetails;

**CourseDetails.js**

import React from 'react';

const isLoggedIn = true;

const enrolledCourses = ["React", "Node.js", "MongoDB"];

const CourseDetails = () => {

return (

<div>

<h2>Courses</h2>

{isLoggedIn ? (

<div>

<p>Welcome! You are enrolled in:</p>

<ul>

{enrolledCourses.map((course, idx) => (

<li key={idx}>{course}</li>

))}

</ul>

</div>

) : (

<p>Please login to view courses</p>

)}

</div>

);

};

export default CourseDetails;

**Output :**





