**Create a React App named “bloggerapp” in with 3 components.**

1. **Book Details**
2. **Blog Details**
3. **Course Details**

**App.js**

import React, { useState } from "react";

import BookDetails from "./BookDetails";

import BlogDetails from "./BlogDetails";

import CourseDetails from "./CourseDetails";

function App() {

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

const renderComponent = () => {

if (selected === "book") {

return <BookDetails />;

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

return <BlogDetails />;

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

return <CourseDetails />;

}

return null;

};

return (

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

<h1>📚 Blogger App</h1>

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

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

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

<hr />

{/\* Conditional Rendering using function \*/}

{renderComponent()}

{/\* Ternary operator \*/}

<h3>Showing: {selected === "book" ? "Book Section" : selected === "blog" ? "Blog Section" : "Course Section"}</h3>

{/\* Logical AND Rendering \*/}

{selected === "course" && <p>You're viewing courses!</p>}

</div>

);

}

export default App;

**BookDetails.js:**

import React from "react";

function BookDetails() {

const books = [

{ id: 1, title: "React Basics", author: "Dan Abramov" },

{ id: 2, title: "Learning JS", author: "Kyle Simpson" },

{ id: 3, title: "Frontend Mastery", author: "Sarah Drasner" },

];

return (

<div>

<h2>📖 Book List</h2>

<ul>

{books.map((book) => (

<li key={book.id}>

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

</li>

))}

</ul>

</div>

);

}

export default BookDetails;

**BlogDetails.js:**

import React from "react";

function BlogDetails() {

const blogs = [

{ id: "b1", title: "Intro to React", views: 1000 },

{ id: "b2", title: "Hooks in Depth", views: 2000 },

{ id: "b3", title: "JSX Tricks", views: 1500 },

];

return (

<div>

<h2>📝 Blog Posts</h2>

{blogs.length === 0 ? (

<p>No blogs to show.</p>

) : (

<ul>

{blogs.map((blog) => (

<li key={blog.id}>

{blog.title} - 👁️ {blog.views} views

</li>

))}

</ul>

)}

</div>

);

}

export default BlogDetails;

**CourseDetails.js:**

import React from "react";

function CourseDetails() {

const courses = [

{ id: 101, name: "ReactJS", duration: "4 weeks" },

{ id: 102, name: "JavaScript", duration: "6 weeks" },

{ id: 103, name: "HTML & CSS", duration: "3 weeks" },

];

const courseItems = courses.map((course) => (

<li key={course.id}>

<strong>{course.name}</strong> - ⏱️ {course.duration}

</li>

));

return (

<div>

<h2>🎓 Course Details</h2>

<ul>{courseItems}</ul>

</div>

);

}

export default CourseDetails;

**index.js:**

import React from "react";

import ReactDOM from "react-dom/client";

import App from "./App";

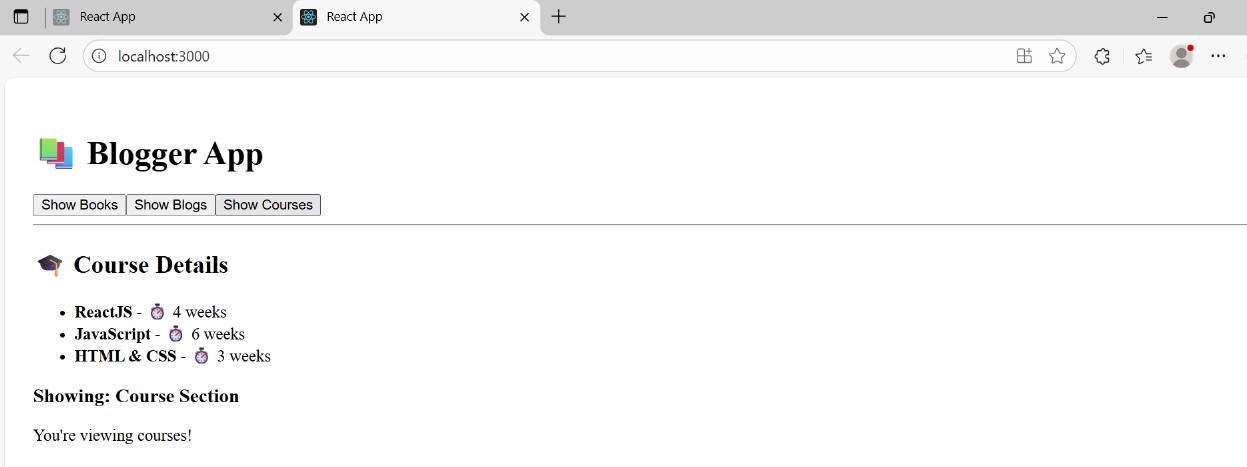
const root = ReactDOM.createRoot(document.getElementById("root"));

root.render(<App />);

**OUTPUT:**

A screenshot of a computer

AI-generated content may be incorrect.



A screenshot of a computer

AI-generated content may be incorrect.