**React Application - bloggerapp**

**Step1 :** Create the app

**npx create-react-app bloggerapp**

**cd bloggerapp**

**Step 2 :** Separate component files with required logic

**BookDetails.js**

const books = [

  { id: 1, title: "The Alchemist", author: "Paulo Coelho" },

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

  { id: 3, title: "Deep Work", author: "Cal Newport" },

];

function BookDetails() {

  return (

    <div>

      <h2>📖 Book Details</h2>

      {books.map((book) => (

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

          <strong>Title:</strong> {book.title} <br />

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

          <hr />

        </div>

      ))}

    </div>

  );

}

export default BookDetails;

**BlogDetails.js**

const blogs = [

  { id: 1, title: "React vs Angular", author: "Akhil B" },

  { id: 2, title: "Why Tailwind Rocks", author: "Sneha R" },

  { id: 3, title: "Web Dev in 2025", author: "Arun J" },

];

function BlogDetails() {

  return (

    <div>

      <h2>📝 Blog Details</h2>

      {blogs.map((blog) => (

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

          <strong>Title:</strong> {blog.title} <br />

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

          <hr />

        </div>

      ))}

    </div>

  );

}

export default BlogDetails;

**CourseDetails.js**

const courses = [

  { id: 1, title: "React for Beginners", instructor: "John Smith" },

  { id: 2, title: "Advanced JavaScript", instructor: "Priya Iyer" },

  { id: 3, title: "UI/UX Fundamentals", instructor: "Kiran Rao" },

];

function CourseDetails() {

  return (

    <div>

      <h2>🎓 Course Details</h2>

      {courses.map((course) => (

        <div key={course.id} style={{ marginBottom: "10px" }}>

          <strong>Title:</strong> {course.title} <br />

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

          <hr />

        </div>

      ))}

    </div>

  );

}

export default CourseDetails;

**Step 3 :** Edit the App.js to render the book/blog/course details based on a condition.

import React, { useState } from "react";

import BookDetails from "./BookDetails";

import BlogDetails from "./BlogDetails";

import CourseDetails from "./CourseDetails";

import "./App.css";

function App() {

  const [view, setView] = useState("book");

  const renderComponent = () => {

    switch (view) {

      case "book":

        return <BookDetails />;

      case "blog":

        return <BlogDetails />;

      case "course":

        return <CourseDetails />;

      default:

        return <p>Select a valid view.</p>;

    }

  };

  return (

    <div className="container">

      <h1>📚 Blogger App</h1>

      <div className="buttons">

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

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

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

      </div>

      <div className="content-box">

        {renderComponent()}

        {/\* Using ternary operator \*/}

        {/\* {view === "book" ? <BookDetails /> : view === "blog" ? <BlogDetails /> : <CourseDetails />} \*/}

        {/\* Using logical && operator \*/}

        {/\* {view === "book" && <BookDetails />}

        {view === "blog" && <BlogDetails />}

        {view === "course" && <CourseDetails />} \*/}

        {/\* Using if-else \*/}

        {/\* let content;

            if (view === "book") content = <BookDetails />;

            else if (view === "blog") content = <BlogDetails />;

            else content = <CourseDetails />;

            return <div>{content}</div>; \*/}

      </div>

    </div>

  );

}

export default App;





