

BLOGGERAPP

BookDetails.js:

```
// src/components/BookDetails.js
```

```
import React from 'react';
```

```
function BookDetails({ books }) {  
  return (  
    <div>  
      <h2>📖 Book Details</h2>  
      <ul>  
        {books.map((book, index) => (  
          <li key={book.id}>  
            <strong>{book.title}</strong> by {book.author}  
          </li>  
        ))}  
      </ul>  
    </div>  
  );  
}
```

```
export default BookDetails;
```

BlogDetails.js:

```
// src/components/BlogDetails.js
```

```
import React from 'react';
```

```
function BlogDetails({ blogs }) {  
  return (  
    <div>
```

```

<h2> 📄 Blog Posts</h2>
{blogs.map(blog => (
  <div key={blog.id} style={{ marginBottom: '10px' }}>
    <h4>{blog.title}</h4>
    <p>{blog.content}</p>
  </div>
)}}
</div>
);
}

```

export default BlogDetails;

CourseDetails.js:

// src/components/CourseDetails.js

import React from 'react';

```

function CourseDetails({ courses }) {
  return (
    <div>
      <h2> 🎓 Course List</h2>
      <ul>
        {courses.map(course => (
          <li key={course.code}>
            {course.name} - Code: {course.code}
          </li>
        ))}
      </ul>
    </div>
  );
}

```

```
}
```

```
export default CourseDetails;
```

App.js:

```
// src/App.js
```

```
import React, { useState } from 'react';
```

```
import BookDetails from './components/BookDetails';
```

```
import BlogDetails from './components/BlogDetails';
```

```
import CourseDetails from './components/CourseDetails';
```

```
function App() {
```

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

```
  const books = [
```

```
    { id: 1, title: "Atomic Habits", author: "James Clear" },
```

```
    { id: 2, title: "Deep Work", author: "Cal Newport" } 
```

```
];
```

```
  const blogs = [
```

```
    { id: 1, title: "React Basics", content: "Learning JSX, components, props." },
```

```
    { id: 2, title: "Advanced React", content: "Hooks, Context API, and Redux." } 
```

```
];
```

```
  const courses = [
```

```
    { code: "R101", name: "React Fundamentals" },
```

```
    { code: "R102", name: "React with Redux" } 
```

```
];
```

```
// Conditional Rendering — Method 1: if-else
let content;
if (selected === "book") {
  content = <BookDetails books={books} />;
} else if (selected === "blog") {
  content = <BlogDetails blogs={blogs} />;
} else {
  content = <CourseDetails courses={courses} />;
}
```

```
return (
  <div style={{ padding: '20px' }}>
    <h1>Blogger App</h1>
```

```
    /* Conditional Rendering — Method 2: Button toggle */
    <div style={{ marginBottom: '15px' }}>
      <button onClick={() => setSelected("book")}>Show Books</button>&nbsp;
      <button onClick={() => setSelected("blog")}>Show Blogs</button>&nbsp;
      <button onClick={() => setSelected("course")}>Show Courses</button>
    </div>
```

```
    /* Conditional Rendering — Method 3: Using variable */
    {content}
```

```
    /* Conditional Rendering — Method 4: Ternary Operator */
    <div style={{ marginTop: '30px' }}>
      <h3>Using Ternary:</h3>
      {selected === "blog" ? (
        <p>You're viewing blogs.</p>
      ) : selected === "course" ? (
```

```

    <p>You're viewing courses.</p>
  ) : (
    <p>You're viewing books.</p>
  )}
</div>

{/* Conditional Rendering — Method 5: Logical AND */}
<div style={{ marginTop: '10px' }}>
  {selected === "book" && <p>Books are great companions!</p>}
</div>
</div>
);
}

export default App;

```