ReactJS- 13th HandsOn

App.js

```jsx
import React, { useState } from 'react';
import './App.css';
import BookDetails from './components/BookDetails';
import BlogDetails from './components/BlogDetails';
import CourseDetails from './components/CourseDetails';

function App() {
  const [activeView, setActiveView] = useState("book");
  const renderComponent = () => {
    switch (activeView) {
      case "book":
        return <BookDetails />;
      case "blog":
        return <BlogDetails />;
      case "course":
        return <CourseDetails />;
      default:
        return <p>Please select a view</p>;
    }
  };

  const elementVariable = renderComponent(); // Method 1: element variable
  const isLoggedIn = true;

  return (
    <div className="App">
      <h1>Blogger App</h1>
      <div>
        <button onClick={() => setActiveView("book")}>Show Book</button>
        <button onClick={() => setActiveView("blog")}>Show Blog</button>
        <button onClick={() => setActiveView("course")}>Show
Course</button>
      </div>

      <hr />
      {/* Method 2: Element variable */}
      {elementVariable}
```

```
      {/* Method 3: Ternary operator */}
      <div>
        {isLoggedIn ? <p>You are logged in!</p> : <p>Please log in.</p>}
      </div>
      {/* Method 4: Logical AND operator */}
      {activeView === "blog" && <p>This is a blog you're viewing.</p>}
    </div>
  );
}


export default App;
```

CourseDetails.js

```
import React from 'react';


const CourseDetails = () => {
  return (
    <div>
      <h2>Course Details</h2>
      <p>Course: React for Beginners</p>
      <p>Instructor: Bhavya</p>
    </div>
  );
};


export default CourseDetails;
```

BlogDetails.js

```
import React from 'react';


const BlogDetails = () => {
  return (
    <div>
      <h2>Blog Details</h2>
      <p>Title: "Why React is Awesome"</p>
      <p>Published: August 2025</p>
    </div>
  );
};
```

```
export default BlogDetails;
```

BookDetails.js

```javascript
import React from 'react';

const BookDetails = () => {
  return (
    <div>
      <h2>Book Details</h2>
      <ul style={{ listStylePosition: 'inside', paddingLeft: '0' }}>
        <li>Book: Clean Code</li>
        <li>Author: Robert C. Martin</li>
        <li>Pages: 464</li>
      </ul>
    </div>
  );
};

export default BookDetails;
```

OUTPUT

Blogger App

Show Book | Show Blog | Show Course

Book Details

- Book: Clean Code
- Author: Robert C. Martin
- Pages: 464

You are logged in!

Blogger App

Show Book | Show Blog | Show Course

Blog Details

Title: "Why React is Awesome"

Published: August 2025

You are logged in!

This is a blog you're viewing.

Blogger App

Show Book | Show Blog | Show Course

Course Details

Course: React for Beginners

Instructor: Bhavya

You are logged in!