**13. ReactJs-HOL:**

**Blogapp:**

**App.js:**

import React, { useState } from "react";

import BookDetails from "./BookDetails";

import BlogDetails from "./BlogDetails";

import CourseDetails from "./CourseDetails";

function App() {

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

const [showAll, setShowAll] = useState(false);

// Example list for rendering multiple components

const courses = [

{ id: 1, name: "React Basics" },

{ id: 2, name: "React Advanced" },

{ id: 3, name: "React with Redux" },

];

return (

<div className="App">

<h1>📚 Blogger App</h1>

{/\* Buttons to change view \*/}

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

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

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

<button onClick={() => setShowAll(!showAll)}>

{showAll ? "Hide All" : "Show All"}

</button>

<hr />

{/\* 1. If/Else using Ternary Operator \*/}

{view === "book" ? <BookDetails /> : <p>No Book Selected</p>}

{/\* 2. Logical AND operator \*/}

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

{/\* 3. Switch-case rendering \*/}

{(() => {

switch (view) {

case "course":

return <CourseDetails />;

case "blog":

return <BlogDetails />;

default:

return <BookDetails />;

}

})()}

{/\* 4. Show multiple components \*/}

{showAll && (

<div>

<BookDetails />

<BlogDetails />

<CourseDetails />

</div>

)}

<hr />

{/\* 5. Rendering a List with map() and Keys \*/}

<h3>Available Courses:</h3>

<ul>

{courses.map(course => (

<li key={course.id}>{course.name}</li>

))}

</ul>

</div>

);

}

export default App;

**BookDetails.js:**

function BookDetails() {

return <h2>Book Details: "React Basics" by Dan Abramov</h2>;

}

export default BookDetails;

**BlogDetails.js**:

function BlogDetails() {

  return <h2>Blog Details: React Trends 2025</h2>;

}

export default BlogDetails;

**CourseDetails.js**:

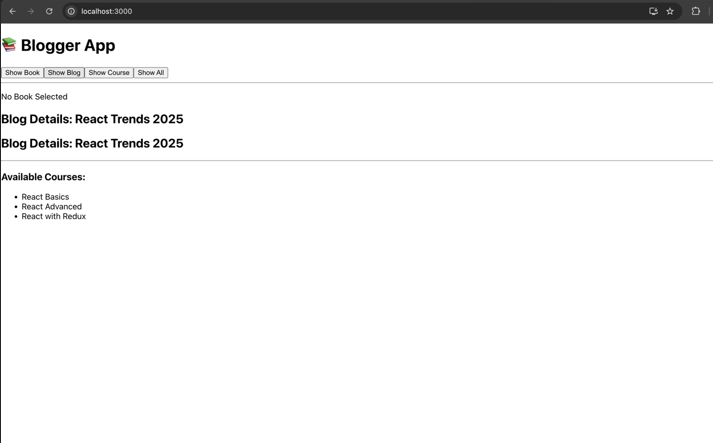
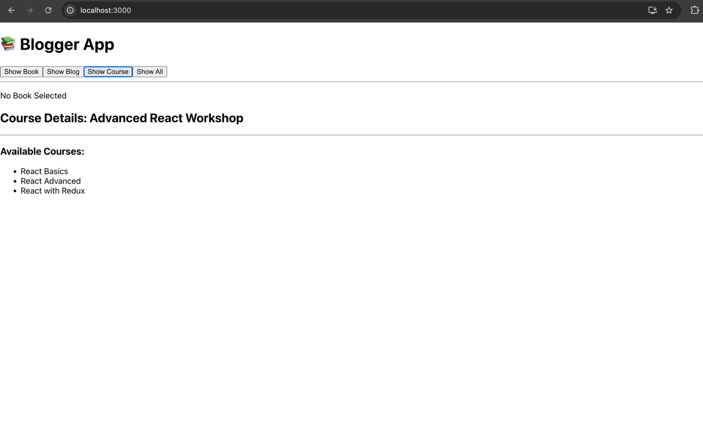
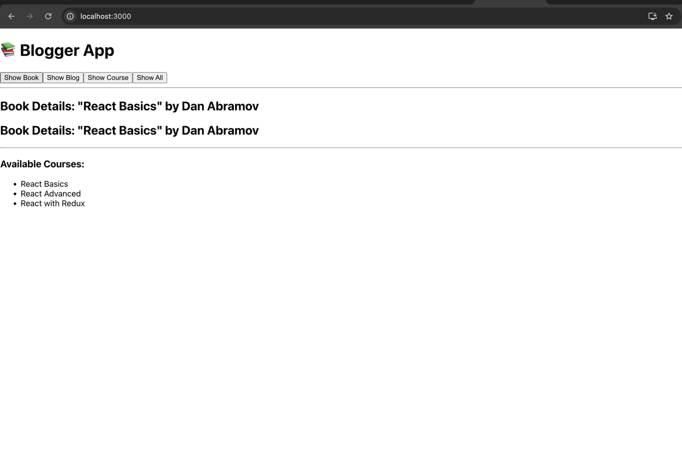
function CourseDetails() {

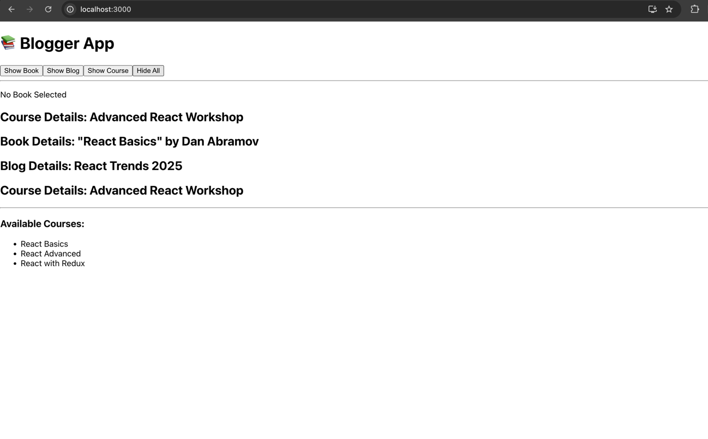
  return <h2>Course Details: Advanced React Workshop</h2>;

}

export default CourseDetails;

**Output:**

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