**WEEK 7: REACT HandsOn 13**

**Creating a Blogger React Application**

**Code**

**App.js**

import React, { Component } from 'react';

import './App.css';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

import CourseDetails from './CourseDetails';

class App extends Component {

  constructor(props) {

    super(props);

    this.state = {

      selected: "none"

    };

  }

  handleChange = (option) => {

    this.setState({ selected: option });

  };

  renderContent = () => {

    // Method 1: If/Else

    if (this.state.selected === "book") {

      return <BookDetails />;

    }

    // Method 2: Ternary

    return this.state.selected === "blog"

      ? <BlogDetails />

      : this.state.selected === "course"

        ? <CourseDetails />

        : <p>Please select an option above.</p>;

  };

  render() {

    // Method 3: Element variable

    let heading;

    if (this.state.selected === "none") {

      heading = <h2>Welcome to Blogger App 📰</h2>;

    } else {

      heading = <h2>Displaying: {this.state.selected.toUpperCase()} Details</h2>;

    }

    return (

      <div className="App">

        {heading}

        <div>

          <button onClick={() => this.handleChange("book")}>Book Details</button>

          <button onClick={() => this.handleChange("blog")}>Blog Details</button>

          <button onClick={() => this.handleChange("course")}>Course Details</button>

          <button onClick={() => this.handleChange("none")}>Clear</button>

        </div>

        <hr />

        {/\* Method 4: Short Circuit Operator \*/}

        {this.state.selected !== "none" && <p>You selected: {this.state.selected}</p>}

        {this.renderContent()}

      </div>

    );

  }

}

export default App;

**BookDetails.js**

import React from 'react';

const BookDetails = () => {

  return (

    <div>

      <h3>📚 Book Details</h3>

      <p>Title: React for Beginners</p>

      <p>Author: Dan Abramov</p>

    </div>

  );

};

export default BookDetails;

**BlogDetails.js**

import React from 'react';

const BlogDetails = () => {

  return (

    <div>

      <h3>✍️ Blog Details</h3>

      <p>Title: Learning React in 2025</p>

      <p>Author: Sophie Alpert</p>

    </div>

  );

};

export default BlogDetails;

**CourseDetails.js**

import React from 'react';

const CourseDetails = () => {

  return (

    <div>

      <h3>🎓 Course Details</h3>

      <p>Course Name: React Complete Guide</p>

      <p>Instructor: Max Schwarzmüller</p>

    </div>

  );

};

export default CourseDetails;

**App.css**

.App {

text-align: center;

padding: 30px;

font-family: sans-serif;

}

button {

margin: 5px;

padding: 10px 20px;

background-color: #4a90e2;

border: none;

color: white;

border-radius: 5px;

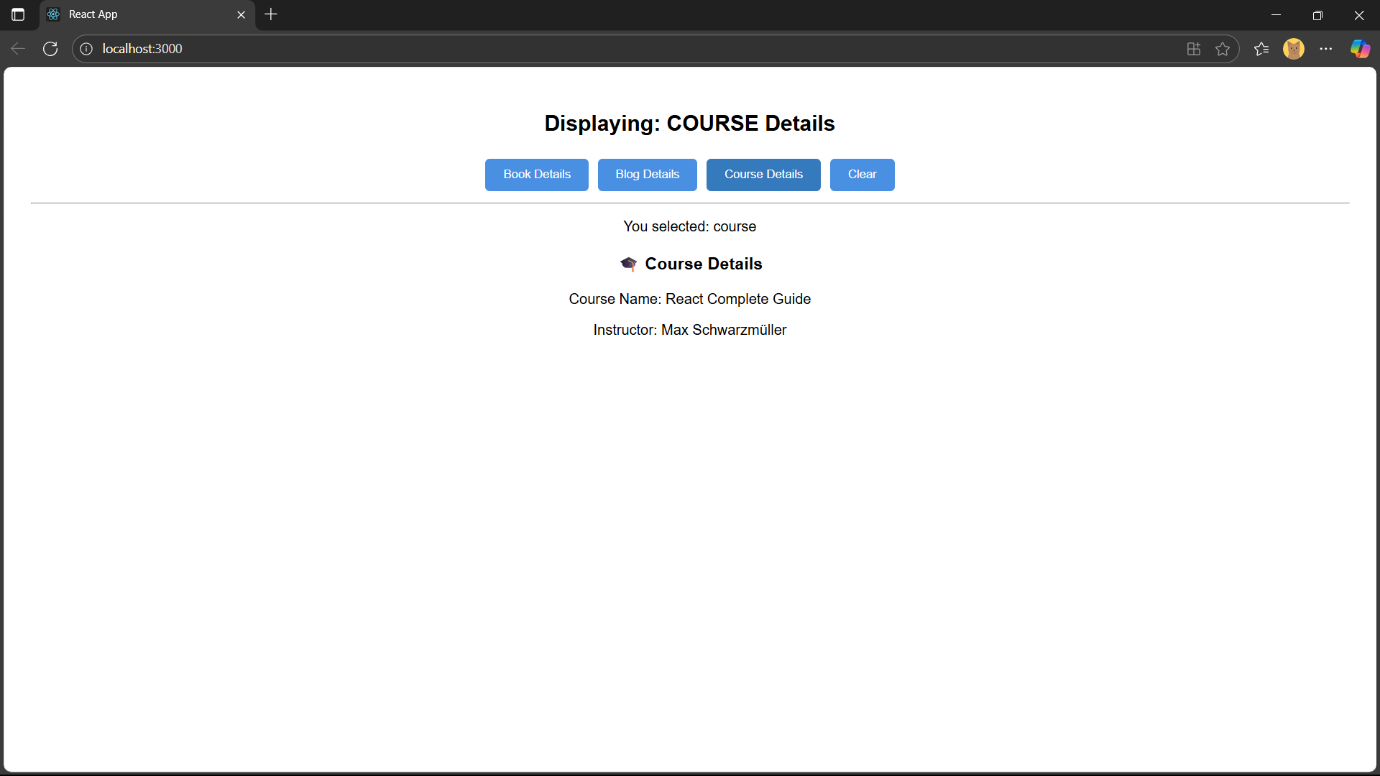
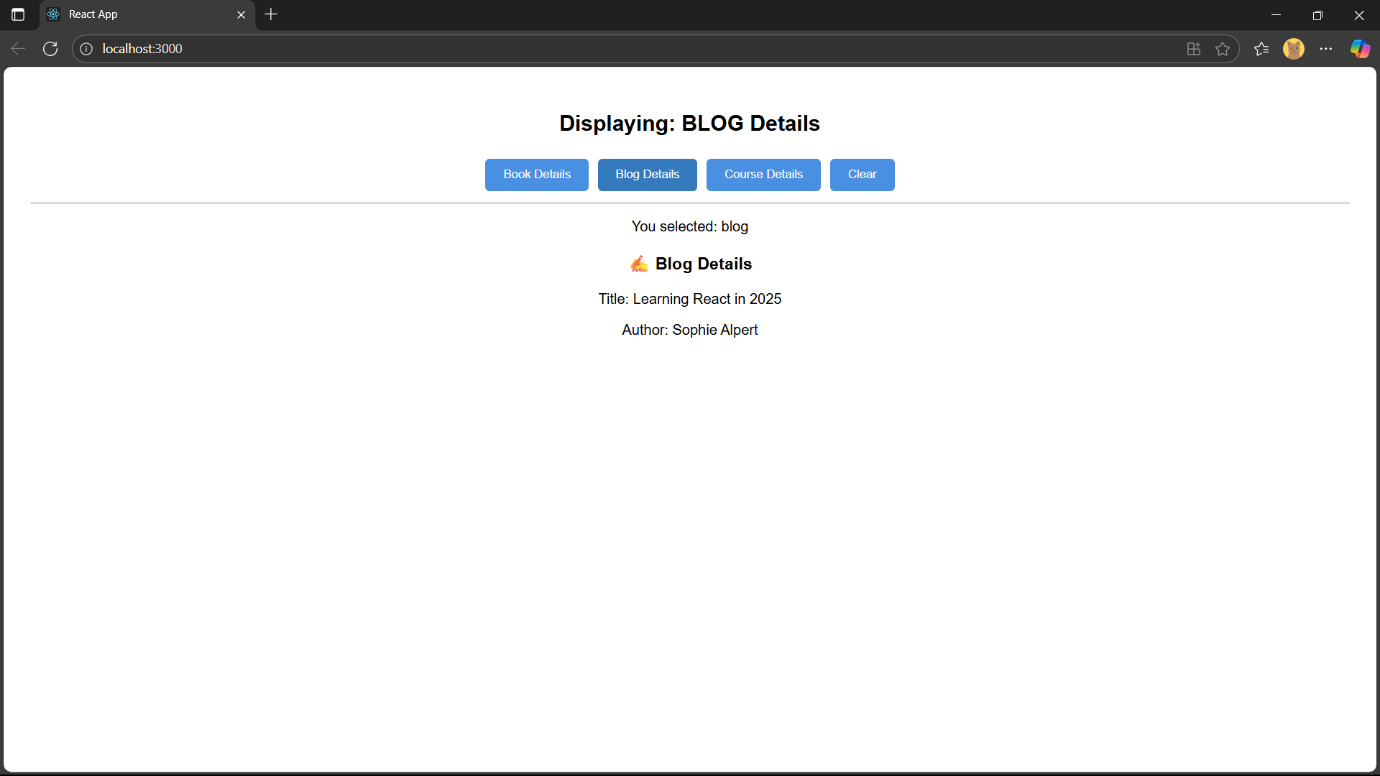
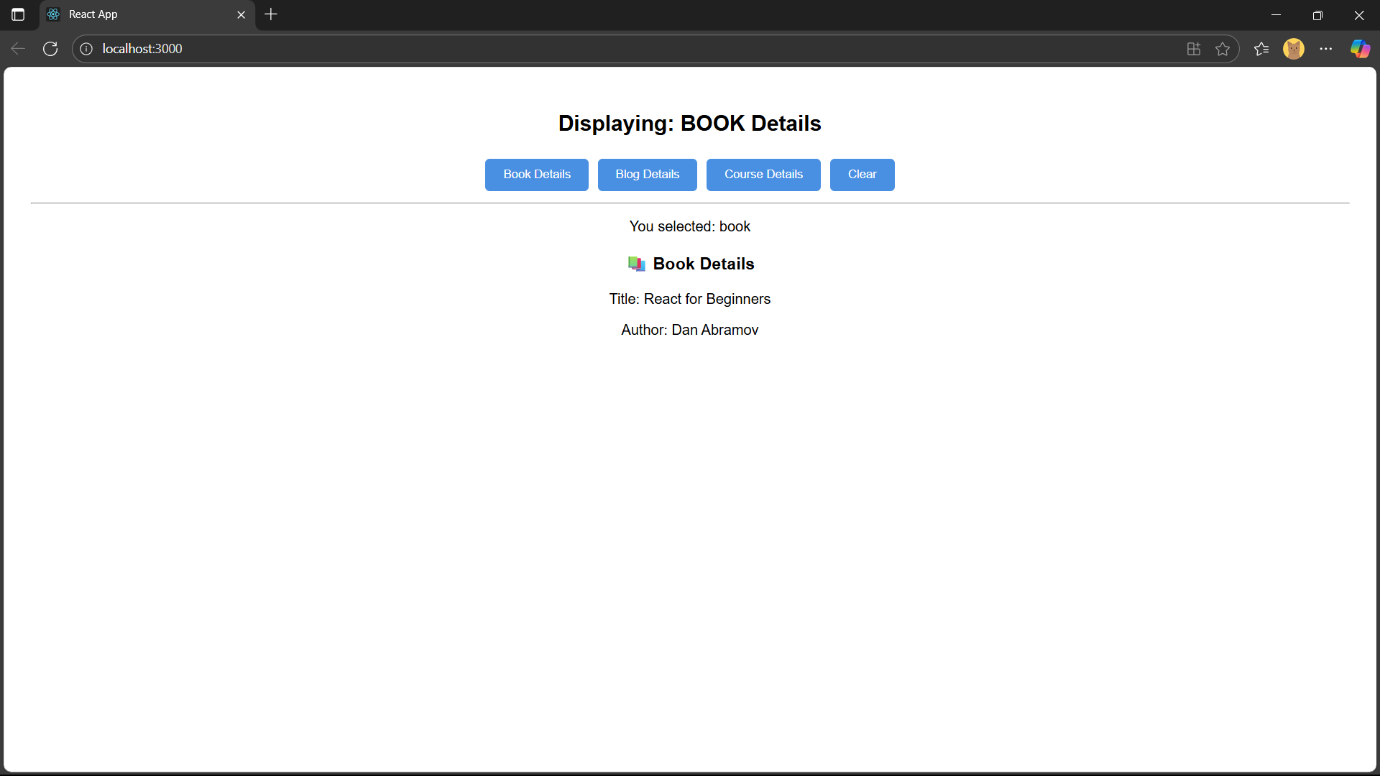
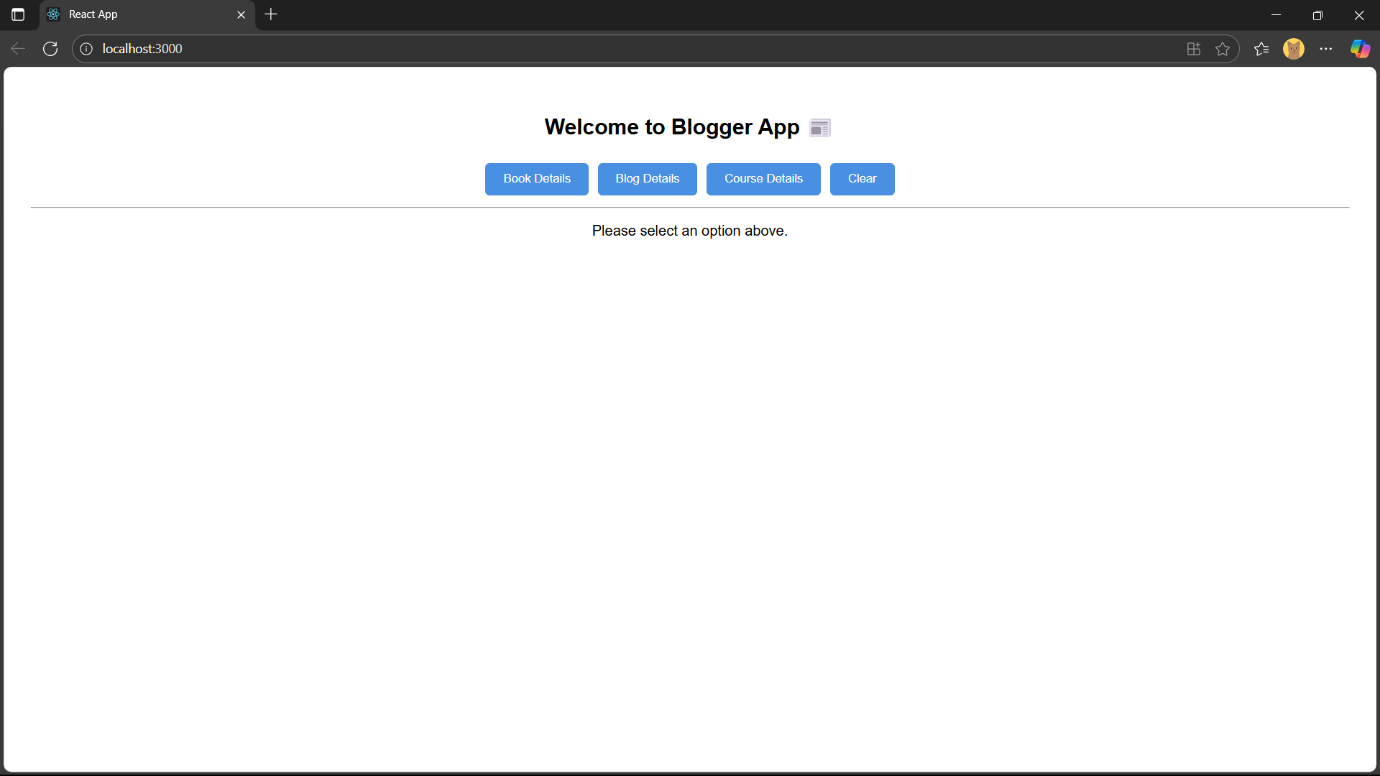
cursor: pointer;

}

button:hover {

background-color: #357ABD;

}

**OUTPUT:**