**WEEK- 6: REACT**

**Exercise-13: ReactJS – HOL**

**1.index.html:**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <title>Blogger App</title>

  </head>

  <body>

    <div id="root"></div>

  </body>

</html>

**2.BookDetails.js:**

import React from 'react';

function BookDetails() {

  const books = [

    { id: 1, title: 'React Explained', author: 'John Doe' },

    { id: 2, title: 'Learning JavaScript', author: 'Jane Smith' },

  ];

  return (

    <div>

      <h2>Book Details</h2>

      <ul>

        {books.map(book => (

          <li key={book.id}>{book.title} - {book.author}</li>

        ))}

      </ul>

    </div>

  );

}

export default BookDetails;

**3.CourseDetails.js:**

import React from 'react';

function CourseDetails() {

  const courses = [

    { id: 1, name: 'React for Beginners', duration: '3 weeks' },

    { id: 2, name: 'Advanced JavaScript', duration: '4 weeks' },

  ];

  return (

    <div>

      <h2>Course Details</h2>

      <ul>

        {courses.map(course => (

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

        ))}

      </ul>

    </div>

  );

}

export default CourseDetails;

**4.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 [view, setView] = useState('book');

  return (

    <div style={{ padding: '20px' }}>

      <h1>Blogger App</h1>

      <div>

        <button onClick={() => setView('book')}>Book Details</button>

        <button onClick={() => setView('blog')}>Blog Details</button>

        <button onClick={() => setView('course')}>Course Details</button>

      </div>

      {view === 'book' && <BookDetails />}

      {view === 'blog' ? <BlogDetails /> : view === 'course' ? <CourseDetails /> : null}

      {(() => {

        switch (view) {

          case 'book':

            return <BookDetails />;

          case 'blog':

            return <BlogDetails />;

          case 'course':

            return <CourseDetails />;

          default:

            return null;

        }

      })()}

    </div>

  );

}

export default App;

**5.index.js:**

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

  <React.StrictMode>

    <App />

  </React.StrictMode>

);

**6.BlogDetails.js:**

import React from 'react';

function BlogDetails() {

  const blogs = [

    { id: 1, title: 'React Tips', content: 'Use hooks wisely.' },

    { id: 2, title: 'JavaScript Tricks', content: 'Master closures.' },

  ];

  return (

    <div>

      <h2>Blog Details</h2>

      {blogs.map(blog => (

        <div key={blog.id}>

          <h3>{blog.title}</h3>

          <p>{blog.content}</p>

        </div>

      ))}

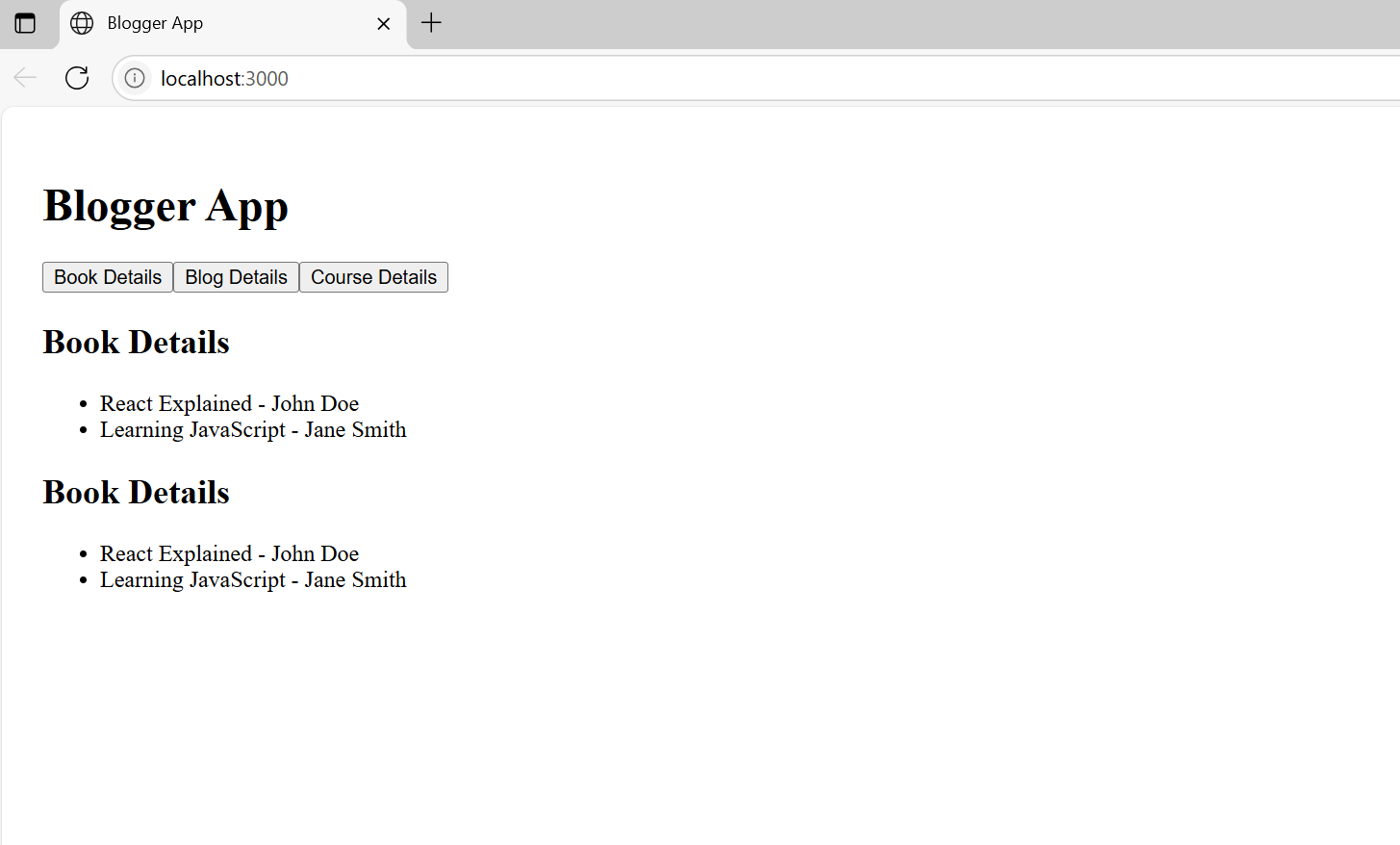
    </div>

  );

}

export default BlogDetails;

**Output:**



A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.