**ReactJS Handson**

**Create a React App named “bloggerapp” in with 3 components.**

1. **Book Details**
2. **Blog Details**
3. **Course Details**

**Implement this with as many ways possible of Conditional Rendering.**

**BookDetails.js**

import React from 'react';

function BookDetails(props) {

  return (

    <div>

      <h1>Book Details</h1>

      <ul>

        {props.books.map(book => (

          <li key={book.id}>

            <h3>{book.bname}</h3>

            <h4>Price: {book.price}</h4>

          </li>

        ))}

      </ul>

    </div>

  );

}

export default BookDetails;

**BlogDetails.js**

import React from 'react';

function BlogDetails(props) {

  return (

    <div>

      <h1>Blog Details</h1>

      {props.blogs.map(blog => (

        <div key={blog.id}>

          <h3>{blog.title}</h3>

          <h4>Author: {blog.author}</h4>

          <p>{blog.content}</p>

        </div>

      ))}

    </div>

  );

}

export default BlogDetails;

**CourseDetails.js**

import React from 'react';

function CourseDetails(props) {

  return (

    <div>

      <h1>Course Details</h1>

      {props.courses.map(course => (

        <div key={course.id}>

          <h3>{course.name}</h3>

          <h4>Date: {course.date}</h4>

        </div>

      ))}

    </div>

  );

}

export default CourseDetails;

**App.js**

import React, { useState } from 'react';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

import './App.css';

function App() {

  const books = [

    { id: 101, bname: 'Master React', price: 670 },

    { id: 102, bname: 'Deep Dive into Angular 11', price: 800 },

    { id: 103, bname: 'Mongo Essentials', price: 450 },

  ];

  const blogs = [

    { id: 1, title: 'React Learning', author: 'Stephen Biz', content: 'Welcome to learning React!' },

    { id: 2, title: 'Installation', author: 'Schewzdenier', content: 'You can install React from npm.' },

  ];

  const courses = [

    { id: 1, name: 'Angular', date: '4/5/2021' },

    { id: 2, name: 'React', date: '6/3/2020' },

  ];

  const [showBooks, setShowBooks] = useState(true);

  const [showBlogs, setShowBlogs] = useState(false);

  const [showCourses, setShowCourses] = useState(false);

  const renderContent = () => {

    if (showBooks) {

      return <BookDetails books={books} />;

    } else if (showBlogs) {

      return <BlogDetails blogs={blogs} />;

    } else if (showCourses) {

      return <CourseDetails courses={courses} />;

    }

    return <p>Select a category to view details.</p>;

  };

  return (

    <div className="App">

      <div className="controls">

        <button onClick={() => { setShowBooks(true); setShowBlogs(false); setShowCourses(false); }}>Show Books</button>

        <button onClick={() => { setShowBooks(false); setShowBlogs(true); setShowCourses(false); }}>Show Blogs</button>

        <button onClick={() => { setShowBooks(false); setShowBlogs(false); setShowCourses(true); }}>Show Courses</button>

      </div>

      <div className="main-content">

        {showCourses && (

            <div className="column mystyle1">

                <CourseDetails courses={courses} />

            </div>

        )}

        {showBooks && (

            <div className="column st2">

                <BookDetails books={books} />

            </div>

        )}

        {showBlogs && (

            <div className="column v1">

                <BlogDetails blogs={blogs} />

            </div>

        )}

      </div>

      <hr/>

      <h2>Conditional Content using Ternary Operator (Example)</h2>

      {showBooks ? (

          <p>You are currently viewing \*\*Book Details\*\*.</p>

      ) : showBlogs ? (

          <p>You are currently viewing \*\*Blog Details\*\*.</p>

      ) : showCourses ? (

          <p>You are currently viewing \*\*Course Details\*\*.</p>

      ) : (

          <p>No category selected.</p>

      )}

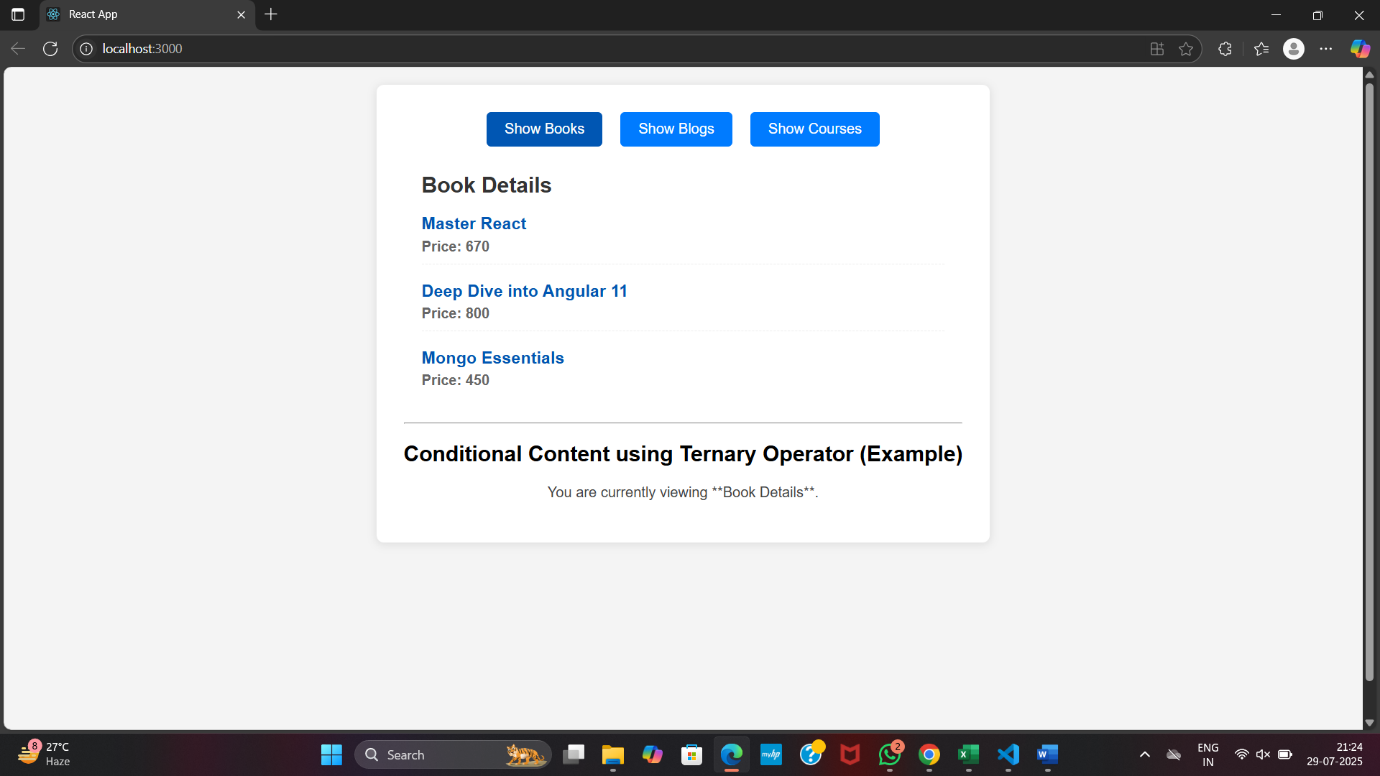
    </div>

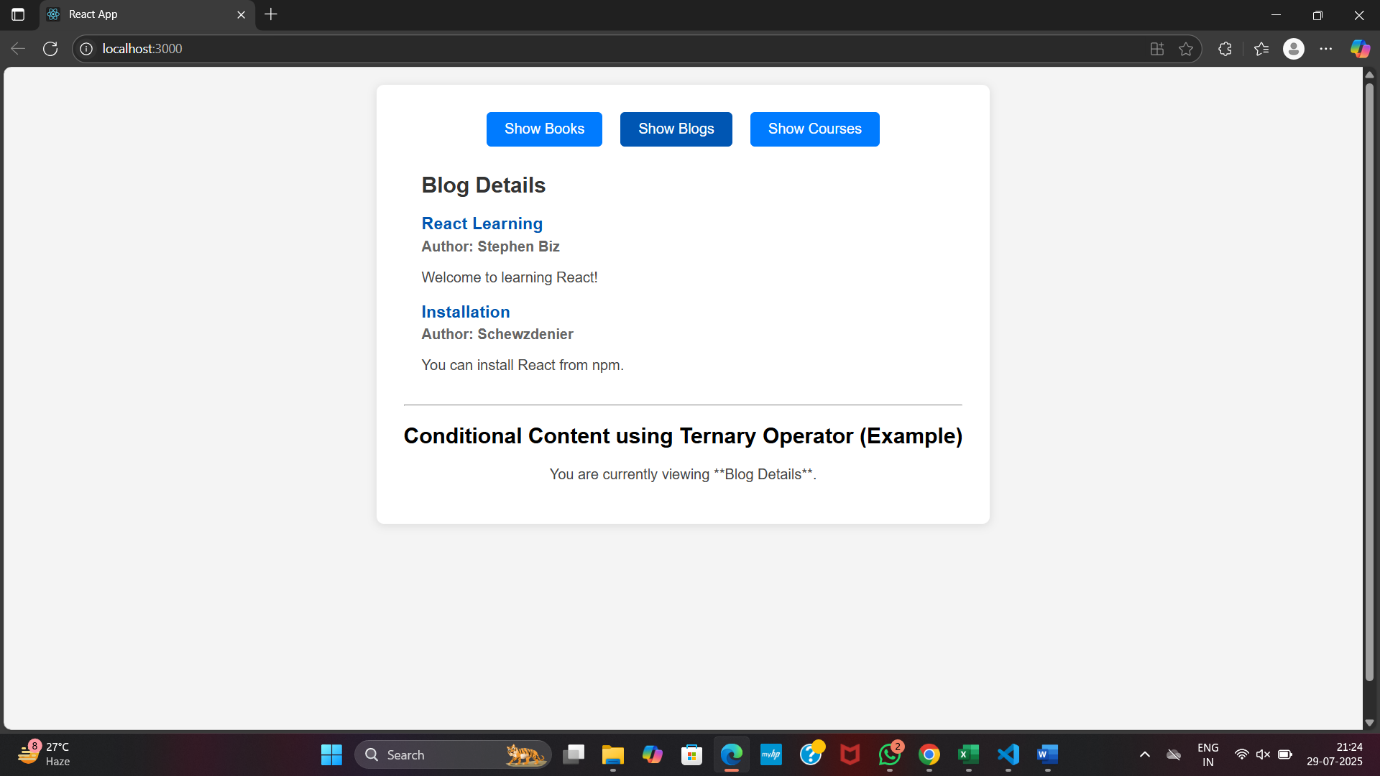
  );

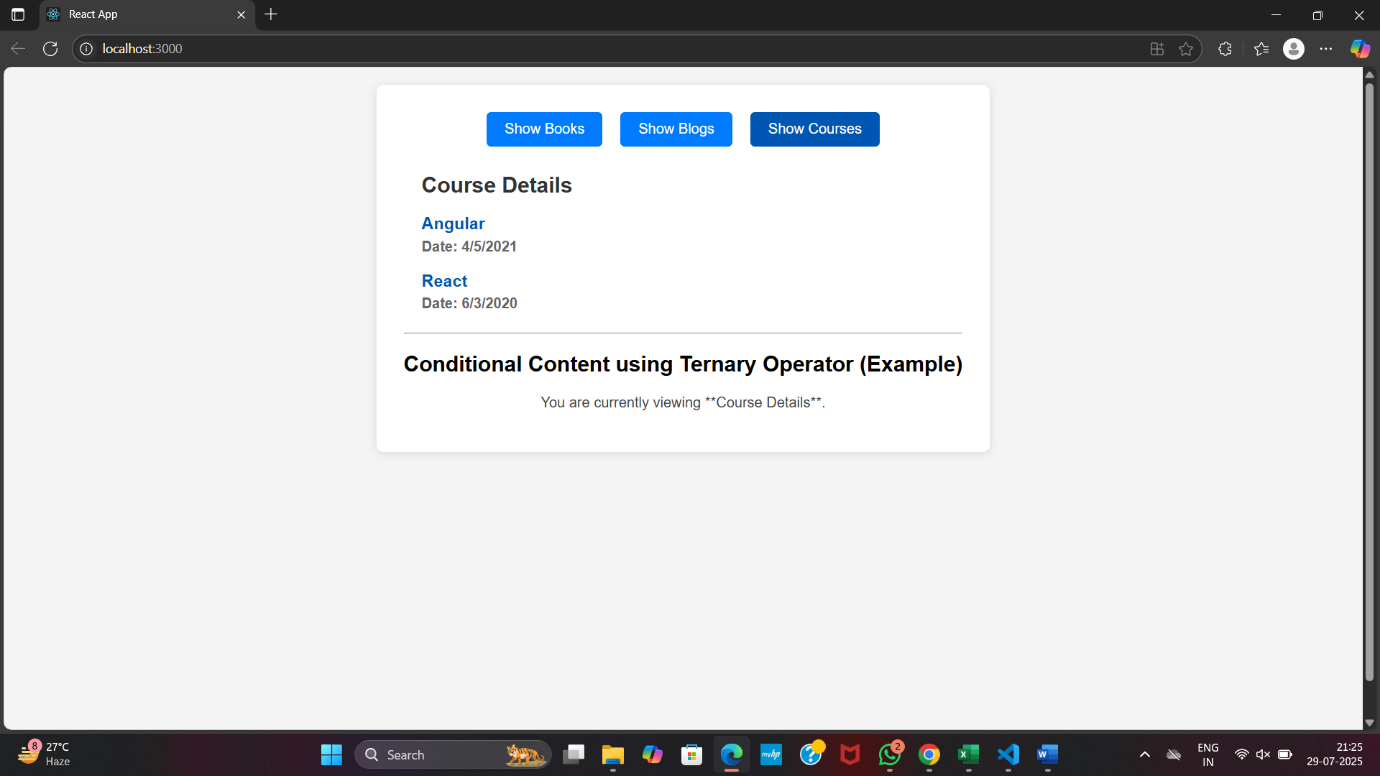
}

export default App;

**OUTPUT**

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