**13. ReactJS-HOL**

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.

code:

PS C:\Users\lenovo> node -v V22.17.0

PS C:\Users\lenovo> npm -v 10.9.2

PS C:\Users\lenovo> npx create-react-app bloggerapp PS C:\Users\lenovo\bloggerapp> npm start

App.js

import React from 'react'; import './App.css';

import CourseDetails from './component/CourseDetails'; import BookDetails from './component/BookDetails'; import BlogDetails from './component/BlogDetails';

function App() {

const showCourses = true; // Show CourseDetails const showBooks = true; // Do NOT show BookDetails const showBlogs = true; // Show BlogDetails

return (

<div className="container">

{/\* Logical && Rendering for Courses \*/}

{showCourses && <CourseDetails />}

{/\* Ternary Operator for Book Section \*/}

{

showBooks

? <BookDetails />

: <div className="section">

<h2>Book Details</h2>

<p style={{ color: 'red', fontWeight: 'bold' }}>Books are currently unavailable.</p>

</div>

}

{/\* IIFE for Blog Section using if-else \*/}

{

(() => {

if (showBlogs) {

return <BlogDetails />;

} else { return null;

}

})()

}

</div>

);

}

export default App;

App.css

.container { display: flex;

justify-content: space-around; font-family: Arial;

margin-top: 30px;

}

.section {

border-left: 4px solid green; padding-left: 20px;

width: 30%;

}

h2 {

color: black;

}

strong {

display: block; margin-top: 8px; font-size: 18px;

}

Src/component/BlogDetails.js

import React from 'react';

function BlogDetails() { const blogs = [

{

title: 'React Learning', author: 'Stephen Biz',

content: 'Welcome to learning React!',

},

{

title: 'Installation', author: 'Schewzdenier',

content: 'You can install React from npm.',

},

];

return (

<div className="section">

<h2>Blog Details</h2>

{blogs.map((blog, index) => (

<div key={index}>

<strong>{blog.title}</strong>

<p><em>{blog.author}</em></p>

<p>{blog.content}</p>

</div>

))}

</div>

);

}

export default BlogDetails;

Src/component/BookDetails.js

import React from 'react';

function BookDetails() { const books = [

{ title: 'Master React', price: 670 },

{ title: 'Deep Dive into Angular 11', price: 800 },

{ title: 'Mongo Essentials', price: 450 },

];

return (

<div className="section">

<h2>Book Details</h2>

{books.map((book, index) => (

<div key={index}>

<strong>{book.title}</strong>

<p>{book.price}</p>

</div>

))}

</div>

);

}

export default BookDetails;

Src/component/CourseDetails.js

import React from 'react';

function CourseDetails() { const courses = [

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

{ name: 'React', date: '6/3/2021' },

];

return (

<div className="section">

<h2>Course Details</h2>

{courses.map((course, index) => (

<div key={index}>

<strong>{course.name}</strong>

<p>{course.date}</p>

</div>

))}

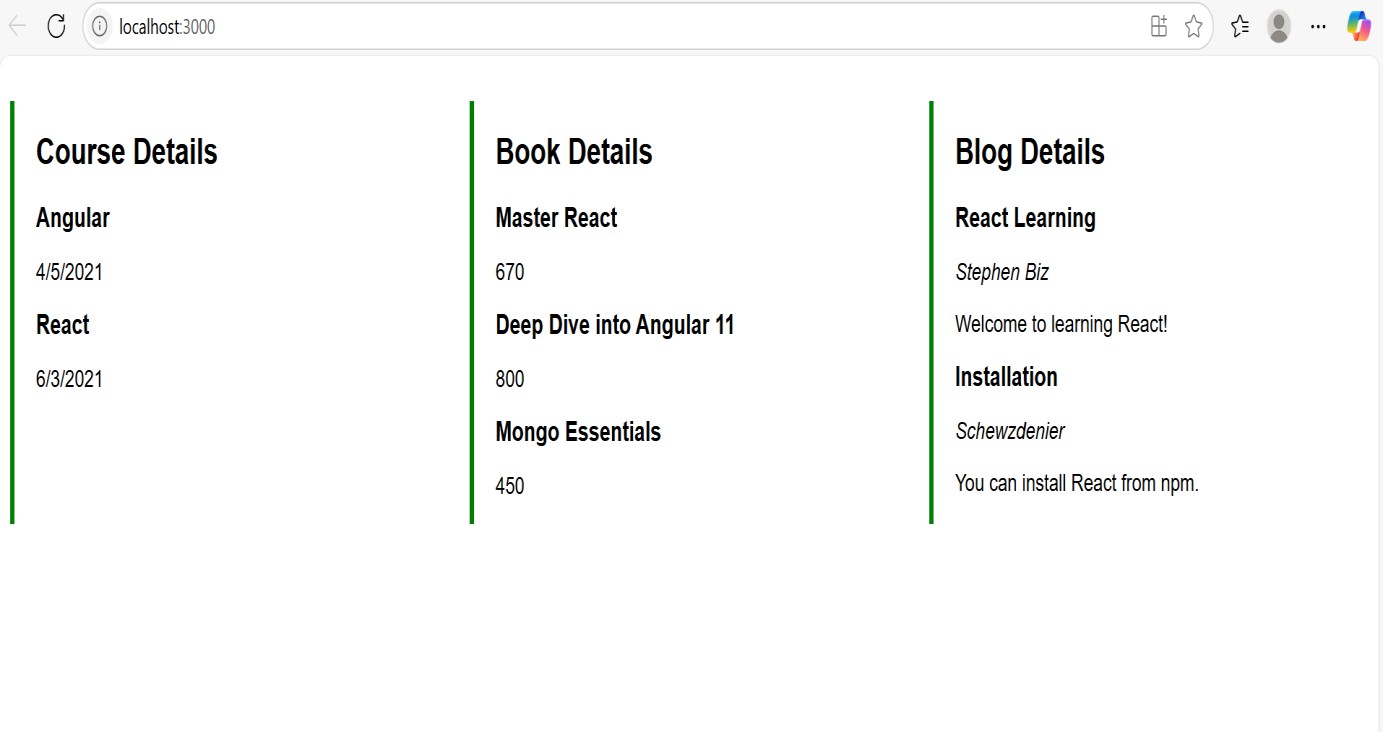
</div>

);

}

export default CourseDetails;

**Output:**

****