**Hands\_on\_13(bloggerapp)**

**Step-by-Step Implementation**

**BookDetails.js**

import React from 'react';

export const BookDetails = ({ books }) => {

return (

<div className="st2">

<h1>Book Details</h1>

<ul>

{books.map((book) => (

<div key={book.id}>

<h3>{book.bname}</h3>

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

</div>

))}

</ul>

</div>

);

};

**BlogDetails.js**

import React from 'react';

export const BlogDetails = ({ content }) => {

return (

<div className="v1">

<h1>Blog Details</h1>

<div>{content}</div>

</div>

);

};

**CourseDetails.js**

import React from 'react';

export const CourseDetails = ({ courses }) => {

return (

<div className="mystyle1">

<h1>Course Details</h1>

<ul>

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

<div key={index}>

<h3>{course.name}</h3>

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

</div>

))}

</ul>

</div>

);

};

**5. Main App Component (App.js)**

import React, { useState } from 'react';

import { BookDetails } from './components/BookDetails';

import { BlogDetails } from './components/BlogDetails';

import { CourseDetails } from './components/CourseDetails';

import { books } from './data';

function App() {

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

const [showBlog, setShowBlog] = useState(true);

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

const courses = [

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

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

];

const content = "Welcome to learning React!";

// Conditional rendering with if/else

let bookDetails;

if (showBooks) {

bookDetails = <BookDetails books={books} />;

}

// Conditional rendering with ternary operator

const blogDetails = showBlog ? <BlogDetails content={content} /> : null;

// Conditional rendering with && (logical AND)

const courseDetails = showCourses && <CourseDetails courses={courses} />;

return (

<div>

<div>

<button onClick={() => setShowBooks(!showBooks)}>Toggle Books</button>

{bookDetails}

</div>

<div>

<button onClick={() => setShowBlog(!showBlog)}>Toggle Blog</button>

{blogDetails}

</div>

<div>

<button onClick={() => setShowCourses(!showCourses)}>Toggle Courses</button>

{courseDetails}

</div>

</div>

);

}

export default App;

**Books Data (data.js)**

export const books = [

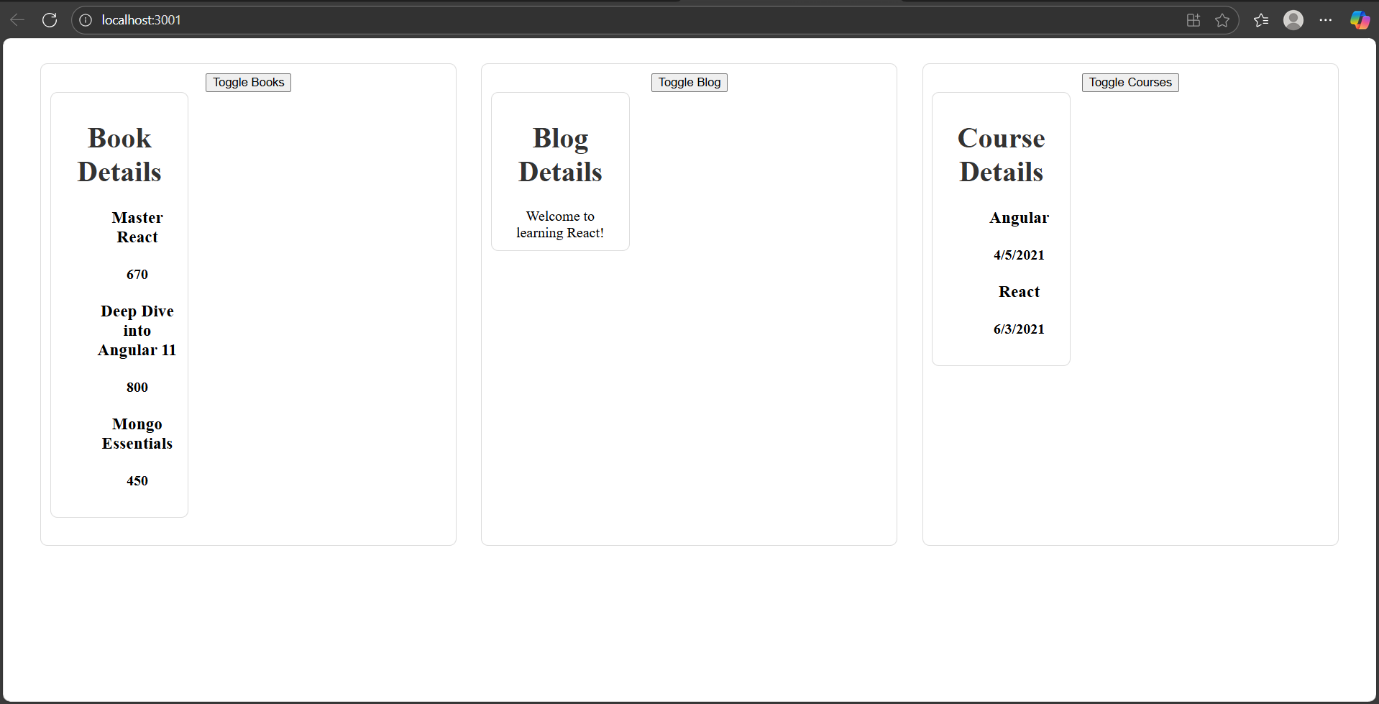
{ id: 101, bname: 'Master React', price: 670 },

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

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

];

**Output Browser:**

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