**CODE**

**public/index.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<link rel="icon" href="%PUBLIC\_URL%/favicon.ico" />

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

<meta name="theme-color" content="#000000" />

<meta

name="description"

content="Web site created using create-react-app"

/>

<link rel="apple-touch-icon" href="%PUBLIC\_URL%/logo192.png" />

<!--

manifest.json provides metadata used when your web app is installed on a

user's mobile device or desktop. See https://developers.google.com/web/fundamentals/web-app-manifest/

-->

<link rel="manifest" href="%PUBLIC\_URL%/manifest.json" />

<!--

Notice the use of %PUBLIC\_URL% in the tags above.

It will be replaced with the URL of the `public` folder during the build.

Only files inside the `public` folder can be referenced from the HTML.

Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC\_URL%/favicon.ico" will

work correctly both with client-side routing and a non-root public URL.

Learn how to configure a non-root public URL by running `npm run build`.

-->

<title>React App</title>

</head>

<body>

<noscript>You need to enable JavaScript to run this app.</noscript>

<div id="root"></div>

<!--

This HTML file is a template.

If you open it directly in the browser, you will see an empty page.

You can add webfonts, meta tags, or analytics to this file.

The build step will place the bundled scripts into the <body> tag.

To begin the development, run `npm start` or `yarn start`.

To create a production bundle, use `npm run build` or `yarn build`.

-->

</body>

</html>

**src/index.js**

import React from 'react';

import ReactDOM from 'react-dom/client';

import './index.css';

import App from './App';

import reportWebVitals from './reportWebVitals';

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

root.render(

<React.StrictMode>

<App />

</React.StrictMode>

);

// If you want to start measuring performance in your app, pass a function

// to log results (for example: reportWebVitals(console.log))

// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals

reportWebVitals();

**src/App.js**

import React, { useState } from 'react';

import './App.css';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

import CourseDetails from './CourseDetails';

function App() {

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

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

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

return (

<div className="App">

<div className="container">

{/\* Ternary Operator for Conditional Rendering \*/}

{showCourses ? (

<div className="course-details">

<CourseDetails />

</div>

) : null}

{/\* Element Variables for Conditional Rendering \*/}

{(() => {

if (showBooks) {

return (

<div className="book-details">

<BookDetails />

</div>

);

}

})()}

{/\* Logical && Operator for Conditional Rendering \*/}

{showBlogs && (

<div className="blog-details">

<BlogDetails />

</div>

)}

</div>

</div>

);

}

export default App;

**src/App.css**

.App {

text-align: center;

}

.container {

display: flex;

justify-content: space-around;

margin-top: 20px;

}

.course-details, .book-details, .blog-details {

border-right: 2px solid green;

padding: 0 20px;

}

.blog-details {

border-right: none;

}

**src/BookDetails.js**

import React from 'react';

import { books } from './data';

function BookDetails() {

const bookdet = (

<ul>

{books.map((book) => (

<div key={book.id}>

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

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

</div>

))}

</ul>

);

return (

<div>

<h1>Book Details</h1>

{bookdet}

</div>

);

}

export default BookDetails;

**src/BlogDetails.js**

import React from 'react';

import { blogs } from './data';

function BlogDetails() {

const content = blogs.map((post) => (

<div key={post.id}>

<h2>{post.title}</h2>

<h5>{post.author}</h5>

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

</div>

));

return (

<div>

<h1>Blog Details</h1>

{content}

</div>

);

}

export default BlogDetails;

**src/CourseDetails.js**

import React from 'react';

import { courses } from './data';

function CourseDetails() {

const coursedet = courses.map((course) => (

<div key={course.id}>

<h2>{course.name}</h2>

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

</div>

));

return (

<div>

<h1>Course Details</h1>

{coursedet}

</div>

);

}

export default CourseDetails;

**src/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 },

];

export 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.'

}

];

export const courses = [

{

id: 1,

name: 'Angular',

date: '4/5/2021'

},

{

id: 2,

name: 'React',

date: '6/3/20201'

}

];

**OUTPUT**

(below 👇)

