**WEEK 7**

**Module 10 – Single Page Application framework – React**

**13. ReactJS-HOL**

**CODE:**

**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: 201,

title: 'React Learning',

author: 'Stephen Biz',

content: 'Welcome to learning React!'

},

{

id: 202,

title: 'Installation',

author: 'Schewzdenier',

content: 'You can install React from npm.'

}

];

export const courses = [

{ id: 301, cname: 'Angular', date: '4/5/2021' },

{ id: 302, cname: 'React', date: '6/12/2021' }

];

**src/components/BlogDetails.js**

const BlogDetails = ({ blogs }) => {

return (

<ul>

{blogs.map((blog) => (

<div key={blog.id} style={{ marginBottom: '20px' }}>

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

<h4><strong>{blog.author}</strong></h4>

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

</div>

))}

</ul>

);

};

export default BlogDetails;

**App.css**

.section h2 {

font-size: 1.5em;

margin-bottom: 0;

}

.section h4 {

font-size: 1em;

font-weight: bold;

margin-top: 5px;

margin-bottom: 2px;

}

.section p {

font-size: 0.95em;

color: #333;

margin-top: 0;

}

.border-left {

border-left: 3px solid green;

padding-left: 20px;

}

src/components/BookDetails.js

const BookDetails = (props) => {

return (

<ul>

{props.books.map((book) => (

<div key={book.id}>

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

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

</div>

))}

</ul>

);

};

export default BookDetails;

**src/components/CourseDetails.js**

const CourseDetails = (props) => {

return (

<ul>

{props.courses.map((course) => (

<div key={course.id}>

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

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

</div>

))}

</ul>

);

};

export default CourseDetails;

**src/App.js**

import './App.css';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

import { books, blogs, courses } from './data';

function App() {

const showBooks = true;

const showBlogs = true;

const showCourses = true;

return (

<div style={{ display: 'flex', justifyContent: 'space-around' }}>

{showCourses && (

<div className="mystyle1">

<h1>Course Details</h1>

<CourseDetails courses={courses} />

</div>

)}

{showBooks ? (

<div className="st2">

<h1>Book Details</h1>

<BookDetails books={books} />

</div>

) : null}

{showBlogs && (

<div className="vl">

<h1>Blog Details</h1>

<BlogDetails blogs={blogs} />

</div>

)}

</div>

);

}

export default App;

**OUTPUT:**

