**13. ReactJS - HOL**

**CourseDetails.js**

function CourseDetails({ courses }) {

  return (

    <div>

      {courses.map((course) => (

        <div key={course.id}>

          <h3>{course.name}</h3>

          <h4>{course.date}</h4>

        </div>

      ))}

    </div>

  );

}

export default CourseDetails;

**BookDetails.js**

function BookDetails({ books }) {

  return (

    <ul>

      {books.map((book) => (

        <div key={book.id}>

          <h3>{book.bname}</h3>

          <h4>{book.price}</h4>

        </div>

      ))}

    </ul>

  );

}

export default BookDetails;

**BlogDetails.js**

function BlogDetails({ blogs }) {

  return (

    <div>

      {blogs.map((blog) => (

        <div key={blog.id}>

          <h3>{blog.title}</h3>

          <h5><i>{blog.author}</i></h5>

          <p>{blog.description}</p>

        </div>

      ))}

    </div>

  );

}

export default BlogDetails;

**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 [view, setView] = useState("all");

  const books = [

    { id: 1, bname: "Master React", price: "670" },

    { id: 2, bname: "Deep Dive into Angular 11", price: "800" },

    { id: 3, bname: "Mongo Essentials", price: "450" },

  ];

  const blogs = [

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

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

  ];

  const courses = [

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

    { id: 2, name: "React", date: "6/3/2021" }

  ];

  return (

    <div className="App">

      <h1>Blogger App</h1>

      <div>

        <button onClick={() => setView("books")}>Show Books</button>

        <button onClick={() => setView("blogs")}>Show Blogs</button>

        <button onClick={() => setView("courses")}>Show Courses</button>

        <button onClick={() => setView("all")}>Show All</button>

      </div>

      <div className="container">

        {(view === "books" || view === "all") && (

          <div className="section st2">

            <h2>Book Details</h2>

            <BookDetails books={books} />

          </div>

        )}

        {(view === "blogs" || view === "all") && (

          <div className="section v1">

            <h2>Blog Details</h2>

            <BlogDetails blogs={blogs} />

          </div>

        )}

        {(view === "courses" || view === "all") && (

          <div className="section mystyle1">

            <h2>Course Details</h2>

            <CourseDetails courses={courses} />

          </div>

        )}

      </div>

    </div>

  );

}

export default App;

**App.css**

.App {

  text-align: center;

  padding: 20px;

}

.container {

  display: flex;

  justify-content: space-around;

  margin-top: 30px;

}

.section {

  width: 30%;

  padding: 10px;

}

.section:not(:first-child) {

  border-left: 3px solid green;

}

h2 {

  font-weight: bold;

  margin-bottom: 10px;

}

button {

  margin: 10px;

  padding: 8px 15px;

  font-size: 14px;

  cursor: pointer;

}

.App-logo {

  height: 40vmin;

  pointer-events: none;

}

@media (prefers-reduced-motion: no-preference) {

  .App-logo {

    animation: App-logo-spin infinite 20s linear;

  }

}

.App-header {

  background-color: #282c34;

  min-height: 100vh;

  display: flex;

  flex-direction: column;

  align-items: center;

  justify-content: center;

  font-size: calc(10px + 2vmin);

  color: white;

}

.App-link {

  color: #61dafb;

}

@keyframes App-logo-spin {

  from {

    transform: rotate(0deg);

  }

  to {

    transform: rotate(360deg);

  }

}









