**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:**  
Book Details.jsx:

import React from "react";

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 },

];

function BookDetails() {

  return (

    <ul>

      {books.map((book) => (

        <div key={book.id}>

          <h3>{book.bname}</h3>

          <h4>{book.price}</h4>

        </div>

      ))}

    </ul>

  );

}

export default BookDetails;

Blog Details.jsx

import React from "react";

const blogs = [

  {

    id: 1,

    title: "React Learning",

    author: "Stephen Biz",

    content: "Welcome to learning React!",

  },

  {

    id: 2,

    title: "Installation",

    author: "Schwezdenier",

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

  },

];

function BlogDetails() {

  return (

    <div>

      {blogs.map((blog) => (

        <div key={blog.id}>

          <h3>{blog.title}</h3>

          <p><b>{blog.author}</b></p>

          <p>{blog.content}</p>

        </div>

      ))}

    </div>

  );

}

export default BlogDetails;

Course Details.jsx  
 import React from "react";

const courses = [

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

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

];

function CourseDetails() {

  return courses.length === 0 ? (

    <p>No courses available</p>

  ) : (

    <div>

      {courses.map((course) => (

        <div key={course.id}>

          <h3>{course.name}</h3>

          <p>{course.date}</p>

        </div>

      ))}

    </div>  );}

export default CourseDetails;

App.js  
 import React, { useState } from 'react';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

function App() {

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

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

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

  const sectionStyle = {

    flex: 1,

    padding: '0 20px',

    borderRight: '4px solid green',

  };

  return (

    <div style={{ display: 'flex', padding: 30 }}>

      <div style={sectionStyle}>

        <h1>Course Details</h1>

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

//conditional Rendering

          {showCourses ? "Hide" : "Show"}

        </button>

        {showCourses && <CourseDetails />}

      </div>

      <div style={sectionStyle}>

        <h1>Book Details</h1>

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

          {showBooks ? "Hide" : "Show"}

        </button>

        {showBooks && <BookDetails />}

      </div>

      <div style={{ ...sectionStyle, borderRight: 'none' }}>

        <h1>Blog Details</h1>

        <button onClick={() => setShowBlogs(!showBlogs)}>

          {showBlogs ? "Hide" : "Show"}

        </button>

        {showBlogs ? <BlogDetails /> : <p>Blogs are hidden</p>}

      </div>

    </div>  );}

export default App;

**Output:**



