**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.

**App.js**

import React, { useState } from 'react';

import { BookDetails, CourseDetails, BlogDetails } from './components';

import './App.css';

function App() {

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

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

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

  return (

    <div className="App">

      <div className="controls">

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

          Toggle Courses

        </button>

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

          Toggle Books

        </button>

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

          Toggle Blogs

        </button>

      </div>

      <div className="container">

        {showCourses && (

          <div className="section">

            <CourseDetails />

          </div>

        )}

        {showBooks && (

          <div className="section">

            <BookDetails />

          </div>

        )}

        {showBlogs && (

          <div className="section">

            <BlogDetails />

          </div>

        )}

      </div>

    </div>

  );

}

export default App;

**components.js**

import React from 'react';

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

export function BookDetails() {

  return (

    <div>

      <h2>Book Details</h2>

      {books.map(book => (

        <div key={book.id} className="card">

          <h3>{book.bname}</h3>

          <h4>{book.price}</h4>

        </div>

      ))}

    </div>

  );

}

export function CourseDetails() {

  return (

    <div>

      <h2>Course Details</h2>

      {courses.map(course => (

        <div key={course.id} className="card">

          <h3>{course.cname}</h3>

          <h4>{course.date}</h4>

        </div>

      ))}

    </div>

  );

}

export function BlogDetails() {

  return (

    <div>

      <h2>Blog Details</h2>

      {blogs.map(blog => (

        <div key={blog.id} className="card">

          <h3>{blog.title}</h3>

          <h4>{blog.author}</h4>

          <p>{blog.content}</p>

        </div>

      ))}

    </div>

  );

}

**App.css**

.App {

  font-family: sans-serif;

  text-align: center;

}

.controls {

  margin-bottom: 20px;

}

.controls button {

  padding: 8px 16px;

  margin: 0 10px;

  font-size: 16px;

  cursor: pointer;

}

.container {

  display: flex;

  justify-content: space-around;

  align-items: flex-start;

}

.section {

  flex: 1;

  padding: 0 20px;

  border-left: 2px solid green;

}

.section:first-child {

  border-left: none;

}

.card {

  text-align: left;

  margin-bottom: 20px;

}

h2 {

  text-align: left;

}

**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 courses = [

  { id: 201, cname: 'Angular', date: '4/5/2021' },

  { id: 202, cname: 'React', date: '6/3/2021' },

];

export const blogs = [

  {

    id: 301,

    title: 'React Learning',

    author: 'Stephen Biz',

    content: 'Welcome to learning React'

  },

  {

    id: 302,

    title: 'Installation',

    author: 'Schewdenizer',

    content: 'You can install React from npm.'

  },

];

**Output:**

