13.Create a React App named “bloggerapp” in with 3 components

BookDetails.js:

import React from 'react';

function BookDetails({ books }) {

  return (

    <div>

      <h2>Book Details</h2>

      <ul>

        {books.map(book => (

          <li key={book.id}>

            <strong>{book.title}</strong> by {book.author}

          </li>

        ))}

      </ul>

    </div>

  );

}

export default BookDetails;

BlogDetails.js:

import React from 'react';

function BlogDetails({ blogs }) {

  return (

    <div>

      <h2>Blog Details</h2>

      {blogs.map(blog => (

        <div key={blog.id} style={{ marginBottom: '1rem' }}>

          <h3>{blog.title}</h3>

          <p>{blog.content}</p>

        </div>

      ))}

    </div>

  );

}

export default BlogDetails;

CourseDetails.js:

import React from 'react';

function CourseDetails({ courses }) {

  return (

    <div>

      <h2>Course Details</h2>

      <ul>

        {courses.map(course => (

          <li key={course.id}>

            {course.name} - Duration: {course.duration} weeks

          </li>

        ))}

      </ul>

    </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 [showCourses, setShowCourses] = useState(true);

  const [isLoggedIn, setIsLoggedIn] = useState(false);

  const books = [

    { id: 1, title: "React Basics", author: "Dan Abramov" },

    { id: 2, title: "Learning JSX", author: "Sophie Alpert" },

  ];

  const blogs = [

    { id: 1, title: "Why React?", content: "React makes UI predictable." },

    { id: 2, title: "JSX vs HTML", content: "JSX is syntactic sugar for JS." },

  ];

  const courses = [

    { id: 1, name: "React Fundamentals", duration: 4 },

    { id: 2, name: "Advanced Hooks", duration: 3 },

  ];

  return (

    <div style={{ padding: "20px", fontFamily: "Arial" }}>

      <h1>Blogger App</h1>

      {/\* Toggle course visibility using && conditional \*/}

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

        {showCourses ? "Hide Courses" : "Show Courses"}

      </button>

      {/\* Ternary rendering \*/}

      <button onClick={() => setIsLoggedIn(!isLoggedIn)} style={{ marginLeft: '10px' }}>

        {isLoggedIn ? "Logout" : "Login"}

      </button>

      <hr />

      {/\* Always show \*/}

      <BookDetails books={books} />

      {/\* Only show when logged in \*/}

      {isLoggedIn ? <BlogDetails blogs={blogs} /> : <p>Please log in to see blogs.</p>}

      {/\* Show or hide based on boolean toggle \*/}

      {showCourses && <CourseDetails courses={courses} />}

    </div>

  );

}

export default App;

Output:





