**REACT**

**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**.

1. Create React Application



1. Navigate to that folder





1. Src -> new folder “components”
2. Src/components -> new file “BookDetails.js”

function BookDetails(props) {

  const bookdet = (

    <ul>

      {props.books.map((book) => (

        <div key={book.id}>

          <h3>{book.bname}</h3>

          <h4>{book.price}</h4>

        </div>

      ))}

    </ul>

  );

  return (

    <div className="st2">

      <h1>Book Details</h1>

      {bookdet}

    </div>

  );

}

export default BookDetails;

1. Src/components -> new file “BlogDetails.js”

function BlogDetails(props) {

  const content = props.blogs.map((blog) => (

    <div key={blog.id}>

      <h3>{blog.title}</h3>

      <h4>{blog.author}</h4>

      <p>{blog.description}</p>

    </div>

  ));

  return (

    <div className="v1">

      <h1>Blog Details</h1>

      {content}

    </div>

  );

}

export default BlogDetails;

1. Src/components -> new file “CourseDetails.js”

function CourseDetails(props) {

  const { show, courses } = props;

  if (!show) {

    return <h1>No Courses Available</h1>;

  }

  const coursedet = (

    <ul>

      {courses.map((course) => (

        <div key={course.id}>

          <h3>{course.name}</h3>

          <h4>{course.date}</h4>

        </div>

      ))}

    </ul>

  );

  return (

    <div className="mystyle1">

      <h1>Course Details</h1>

      {coursedet}

    </div>

  );

}

export default CourseDetails;

1. App.js

import { useState } from "react";

import BookDetails from "./components/BookDetails";

import BlogDetails from "./components/BlogDetails";

import CourseDetails from "./components/CourseDetails";

import "./App.css";

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

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

];

export const courses = [

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

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

];

function App() {

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

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

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

  return (

    <div className="container">

      {showBooks && <BookDetails books={books} />}

      {showBlogs ? <BlogDetails blogs={blogs} /> : <h1>No Blogs Available</h1>}

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

    </div>

  );

}

export default App;

1. App.css

body {

  background-color: white;

  color: black;

  margin: 0;

  font-family: Arial, sans-serif;

}

.container {

  display: flex;

  justify-content: space-around;

  padding: 50px;

}

.st2, .v1, .mystyle1 {

  border-right: 5px solid green;

  padding: 20px;

  width: 30%;

}

.st2 h1, .v1 h1, .mystyle1 h1 {

  font-size: 24px;

  margin-bottom: 20px;

  font-weight: bold;

}

.st2 h3, .v1 h3, .mystyle1 h3 {

  font-size: 18px;

  font-weight: bold;

}

.st2 h4, .v1 h4, .mystyle1 h4 {

  font-size: 16px;

  color: #333;

}

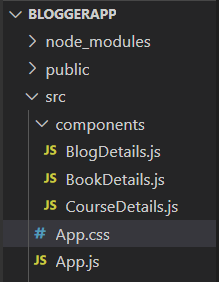
.v1 p {

  font-size: 14px;

  color: #555;

}

1. Structure:



1. Run Application:



OUTPUT:

