1. **ReactJS-HOL**

import logo from './logo.svg';

import './App.css';

import React, { Component } from 'react';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

class App extends Component {

constructor(props) {

super(props);

this.state = {

selected: 'book' // 'book', 'blog', or 'course'

};

}

changeView = (view) => {

this.setState({ selected: view });

};

renderContent() {

// 1. Using if-else

if (this.state.selected === 'book') return <BookDetails />;

else if (this.state.selected === 'blog') return <BlogDetails />;

else return <CourseDetails />;

}

render() {

// 2. Using ternary operator

const showTitle = this.state.selected === 'book'

? "You're viewing Book Details"

: this.state.selected === 'blog'

? "You're viewing Blog Details"

: "You're viewing Course Details";

return (

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

<h1>📘 BloggerApp</h1>

<p><strong>{showTitle}</strong></p>

{/\* Buttons for switching views \*/}

<button onClick={() => this.changeView('book')}>Show Book</button>{' '}

<button onClick={() => this.changeView('blog')}>Show Blog</button>{' '}

<button onClick={() => this.changeView('course')}>Show Course</button>

<hr />

{/\* 3. Using function returning component \*/}

{this.renderContent()}

</div>

);

}

}

export default App;

import React from 'react';

function BlogDetails() {

return (

<div>

<h2>📝 Blog Details</h2>

<ul>

<li>Blog Title: React Tips & Tricks</li>

<li>Author: Raj Dev</li>

<li>Posted: Today</li>

</ul>

</div>

);

}

export default BlogDetails;

import React from 'react';

function BookDetails() {

return (

<div>

<h2>📚 Book Details</h2>

<ul>

<li>Book: Atomic Habits</li>

<li>Author: James Clear</li>

<li>Genre: Self-Improvement</li>

</ul>

</div>

);

}

export default BookDetails;

import React from 'react';

function CourseDetails() {

return (

<div>

<h2>🎓 Course Details</h2>

<ul>

<li>Course: Full Stack Development</li>

<li>Duration: 3 Months</li>

<li>Instructor: Sarah Paul</li>

</ul>

</div>

);

}

export default CourseDetails;





