# Week 1: My First React App

Code:

npx create-react-app myfirstreact  
cd myfirstreact  
npm start

App.js or Component Code:

function App() {  
 return (  
 <div className="App">  
 <h1>welcome to the first session of React</h1>  
 </div>  
 );  
}  
  
export default App;

Output:

welcome to the first session of React

# Week 2: Student Management Portal Components

Code:

npx create-react-app StudentApp  
cd StudentApp

App.js or Component Code:

import Home from './Home';  
import About from './About';  
import Contact from './Contact';  
  
function App() {  
 return (  
 <div className="App">  
 <Home />  
 <About />  
 <Contact />  
 </div>  
 );  
}  
  
export default App;

Output:

Welcome to the Home page of Student Management Portal  
Welcome to the About page of the Student Management Portal  
Welcome to the Contact page of the Student Management Portal

# Week 3: Calculate Score Functional Component

Code:

npx create-react-app scorecalculatorapp  
cd scorecalculatorapp

App.js or Component Code:

import CalculateScore from './Components/CalculateScore';  
  
function App() {  
 return (  
 <div className="App">  
 <CalculateScore />  
 </div>  
 );  
}  
  
export default App;

Output:

Displays average score using props like Name, School, Total, Goal

# Week 4: Blog App with Lifecycle Methods

Code:

npx create-react-app blogapp  
cd blogapp

App.js or Component Code:

// Posts.js contains class component with componentDidMount and componentDidCatch hooks

Output:

List of posts fetched from https://jsonplaceholder.typicode.com/posts

# Week 5: Cohort Dashboard Styling

Code:

// CSS Module - CohortDetails.module.css  
.box {  
 width: 300px;  
 display: inline-block;  
 margin: 10px;  
 padding: 10px 20px;  
 border: 1px solid black;  
 border-radius: 10px;  
}  
  
dt {  
 font-weight: 500;  
}

App.js or Component Code:

// In component  
import styles from './CohortDetails.module.css';  
  
<div className={styles.box}>  
 <h3 style={{ color: status === 'ongoing' ? 'green' : 'blue' }}>{status}</h3>  
</div>

Output:

Styled component showing cohort details with conditional coloring