1. **ReactJS-HOL**

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| --- |
| import logo from './logo.svg'; import './App.css'; function App() { return ( <h1 className='App'>Welcome to first session of react</h1> ); } export default App; |

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1. **ReactJS-HOL**

|  |
| --- |
| import logo from './logo.svg'; import './App.css'; import Home from './components/Home'; import About from './components/About'; import Contact from './components/Contact'; import React from 'react'; function App() { return ( <div className="Container"> <Home /> <About /> <Contact /> </div> ); } export default App; |

|  |
| --- |
| import React,{Component} from "react";  class Home extends Component {    render() {      return (      <div>          <h1>Welcome to the Home Page of Student Management Portal</h1>      </div>      )    }  }  export default Home;  import React,{Component} from "react";  class Contact extends Component {    render() {      return(      <div>          <h1>Welcome to the Contact Page of Student Management Portal</h1>      </div>      )    }  }  export default Contact;  import React,{Component} from "react";  class About extends Component {    render() {      return(      <div>          <h1>Welcome to the About Page of Student Management Portal</h1>      </div>      )    }  }  export default About; |

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1. **ReactJS-HOL**

CalculateScore.js

|  |
| --- |
| import './mystyle.css';  const percentToDecimal = (decimal) => {      return (decimal.toFixed(2) + '%')  }  const calcScore = (total, goal) => {      return percentToDecimal(total / goal)  }  export const CalculateScore = ({Name, School, total, goal}) => (      <div className="formatstyle">          <h1 font color="Brown">Student Details:</h1>          <div className="Name">              <b> <span> Name: </span></b>              <span>{Name}</span>          </div>          <div className="School">              <b> <span> School: </span></b>              <span>{School}</span>          </div>          <div className="Total">              <b> <span> Total:</span></b>              <span>{total}</span>              <span>Marks</span>          </div>          <div className="Score">              <b>Score:</b>              <span>                  {calcScore(                      total,                      goal                  )}              </span>          </div>      </div>  ) |

App.js

|  |
| --- |
| import React from 'react';  import './App.css';  import { CalculateScore } from './Components/CalculateScore';  function App() {    return (      <div className="App">        <CalculateScore          Name="Steevee"          School="Springfield High"          total={85}          goal={100}        />      </div>    );  }  export default App; |

A computer screen shot of a student details

AI-generated content may be incorrect.

1. **ReactJS-HOL**

|  |
| --- |
| import React from "react";  class Post{      constructor(id,title,body){          this.id = id;          this.title = title;          this.body = body;      }  }  export default Post;  class Posts extends React.Component{      constructor(props){          super(props);          this.state = {              posts: []          };      }      loadPosts() {          fetch('https://jsonplaceholder.typicode.com/posts')              .then(response => response.json())              .then(data => {                  const posts = data.map(post => new Post(post.id, post.title, post.body));                  this.setState({ posts });              })              .catch(error => console.error('Error fetching posts:', error));      }      componentDidMount() {          this.loadPosts();      }      render() {          const { posts } = this.state;          return (              <div>                  <h1>All Posts</h1>                  {posts.length > 0 ? (                      posts.map(post => (                          <div key={post.id} style={{ marginBottom: '20px', border: '1px solid #ccc', padding: '10px' }}>                              <h2>{post.title}</h2>                              <p>{post.body}</p>                          </div>                      ))                  ) : (                      <p>Loading posts...</p>                  )}              </div>          );      }      componentDidCatch(error, info) {          console.error("Error in Posts component:", error, info);          this.setState({ posts: [] });      }  }  export { Posts }; |

|  |
| --- |
| import React from 'react';  import './App.css';  import Post,{Posts} from './post.js';  function App() {    return (      <div className="App">        <h1>Welcome to the Posts App</h1>        <p>This app displays a list of posts fetched from an API.</p>        <Posts />      </div>    );  }  export default App; |

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1. **ReactJS-HOL**

CohortDetails.js

|  |
| --- |
| import styles from './CohortDetaile.module.css';import React from 'react';function CohortDetails(props) { let statusClassName; if (props.cohort.currentStatus === 'Ongoing') { statusClassName = styles.Ongoing; } else if (props.cohort.currentStatus === 'Scheduled') { statusClassName = styles.Scheduled; } else { statusClassName = ''; } return ( <div className={styles.box}> <h3 className={statusClassName}> {props.cohort.cohortCode} - <span>{props.cohort.technology}</span> </h3> <dl> <dt>Started On</dt> <dd>{props.cohort.startDate}</dd> <dt>Current Status</dt> <dd>{props.cohort.currentStatus}</dd> <dt>Coach</dt> <dd>{props.cohort.coachName}</dd> <dt>Trainer</dt> <dd>{props.cohort.trainerName}</dd> </dl> </div> );} |

CohortDetailes.module.css

|  |
| --- |
| .box{      width: 300px;      display: inline-block;      margin: 10px;      padding: 10px 20px;      border: 1px solid black;      border-radius: 10px;  }  .box dt{      font-weight: 500;  }  .Ongoing{      color: #6bf18b;  }  .Scheduled{      color: rgb(21, 89, 236);  } |

A screenshot of a computer

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