**1.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import from ./logo.svg';  import './App.css';  import { React } from 'react';  function App() {  return (  <h1>welcome the first session of<h1>  );  }  export default App; |

Output:  
A screenshot of a computer

AI-generated content may be incorrect.

**2.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import logo from './logo.svg';  import './App.css';  import Home from './Components/Home';  import Contact from './Components/Contact';  import About from './Components/About';  function App() {  return (  <div className="container">  <Home />  <About />  <Contact />  </div>  );  }  export default App;  import React from 'react';  export default function About() {  return (  <div>  <h3>Welcome to the About Page of the Student Management Portal</h3>  </div>  );  }  import React from 'react';  export default function Home() {  return (  <div>  <h3>Welcome to the Home Page of the Student Management Portal</h3>  </div>  );  } |

Output:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**3.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import React from 'react';  import './Stylesheets/style.css';  const percentToDecimal = (decimal) => {  return (decimal \* 100).toFixed(2) + '%';  };  const calcScore = (total, goal) => {  return percentToDecimal(total / goal);  };  export const CalculateScore = ({ Name, School, total, goal }) => {  return (  <div className="score-card">  <h1>Student Details:</h1>  <div>  <span><b>Name:</b> {Name}</span>  </div>  <div>  <span><b>School:</b> {School}</span>  </div>  <div>  <span><b>Score:</b> {calcScore(total, goal)}</span>  </div>  </div>  );  }; |

Output:

A screenshot of a computer

AI-generated content may be incorrect.

**4.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import React from 'react';  import Post from './Post';  class Posts extends React.Component {  constructor(props) {  super(props);  this.state = {  posts: []  };  }  loadPosts() {  fetch('https://jsonplaceholder.typicode.com/posts')  .then(res => res.json())  .then(data => {  const postSubset = data.map(p => new Post(p.id, p.title, p.body));  console.log("Fetched posts:", postSubset);  this.setState({ posts: postSubset });  })  .catch(error => {  console.error("Error loading posts:", error);  });  }  componentDidMount() {  this.loadPosts();  }  render() {  return (  <div>  {  this.state.posts.map(post => {  if (!post || !post.title || !post.body) return null;  return (  <div key={post.id}>  <h2>{post.title}</h2>  <p>{post.body}</p>  </div>  );  })  }  </div>  );  }  componentDidCatch(error, info) {  alert("An error occurred while rendering Posts.");  console.error("Caught error:", error, info);  }  }  export default Posts; |

Output:  
A screenshot of a computer

AI-generated content may be incorrect.

**5.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import styles from './CohortDetails.module.css';  function CohortDetails(props) {  const status = props.cohort.currentStatus.trim().toLowerCase();  const statusColor = status === 'ongoing' ? 'green' : 'blue';  return (  <div className={styles.box}>  <h3 style={{ color: statusColor }}>  {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>  );  }  export default CohortDetails; |

Output:  
A screenshot of a computer

AI-generated content may be incorrect.