**Exercise 5**

**OBJECTIVES**

1. **Understanding the need for styling react component**

Styling improves the **visual appearance** and **usability** of React components. It helps in maintaining a **consistent UI design** across the application. Styles make components more **interactive** and user-friendly. Well-structured styling ensures **separation of concerns** between logic and presentation. It allows developers to **customize components** based on props, themes, or screen size.

1. **Working with CSS Module and inline styles**

**CSS Modules** scope styles locally to components, preventing style conflicts. You can import a .module.css file and apply styles using className={styles.className}. **Inline styles** allow dynamic styling using JavaScript objects. Use inline styles for **conditional rendering** (e.g., change color based on status). Combining both approaches gives flexibility in managing styles efficiently.

**HANDS ON PRACTICE**

1. **Create a new CSS Module in a file called “CohortDetails.module.css”**

**CohortDetails.module.css**

.box{

  width: 300px;

  display: inline-block;

  margin: 10px;

  padding: 20px 10px 20px 10px;

  border: 1px solid black;

  border-radius: 10px;

}

.dt{

  font-weight: 500;

}

1. **Open the cohort details component and import the CSS Module**

**CorhortDetails.js**

import styles from './CohortDetails.module.css';

function CohortDetails(props) {

    const cohort = props.cohort;

    return (

        <div className = {styles.box}>

            <h3 style={{color: cohort.status === 'ongoing' ? 'green' : 'blue'}}>

                {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>

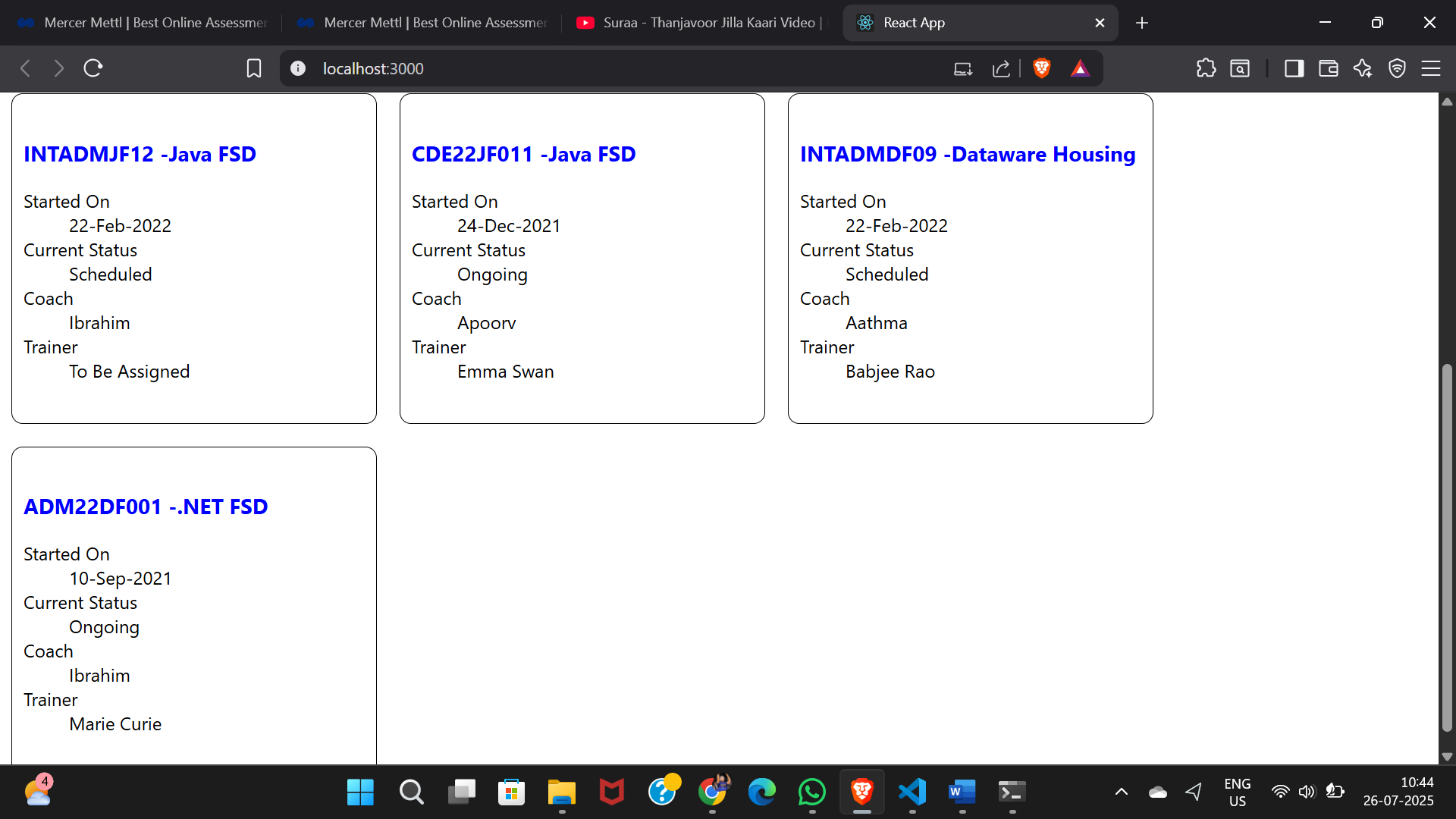
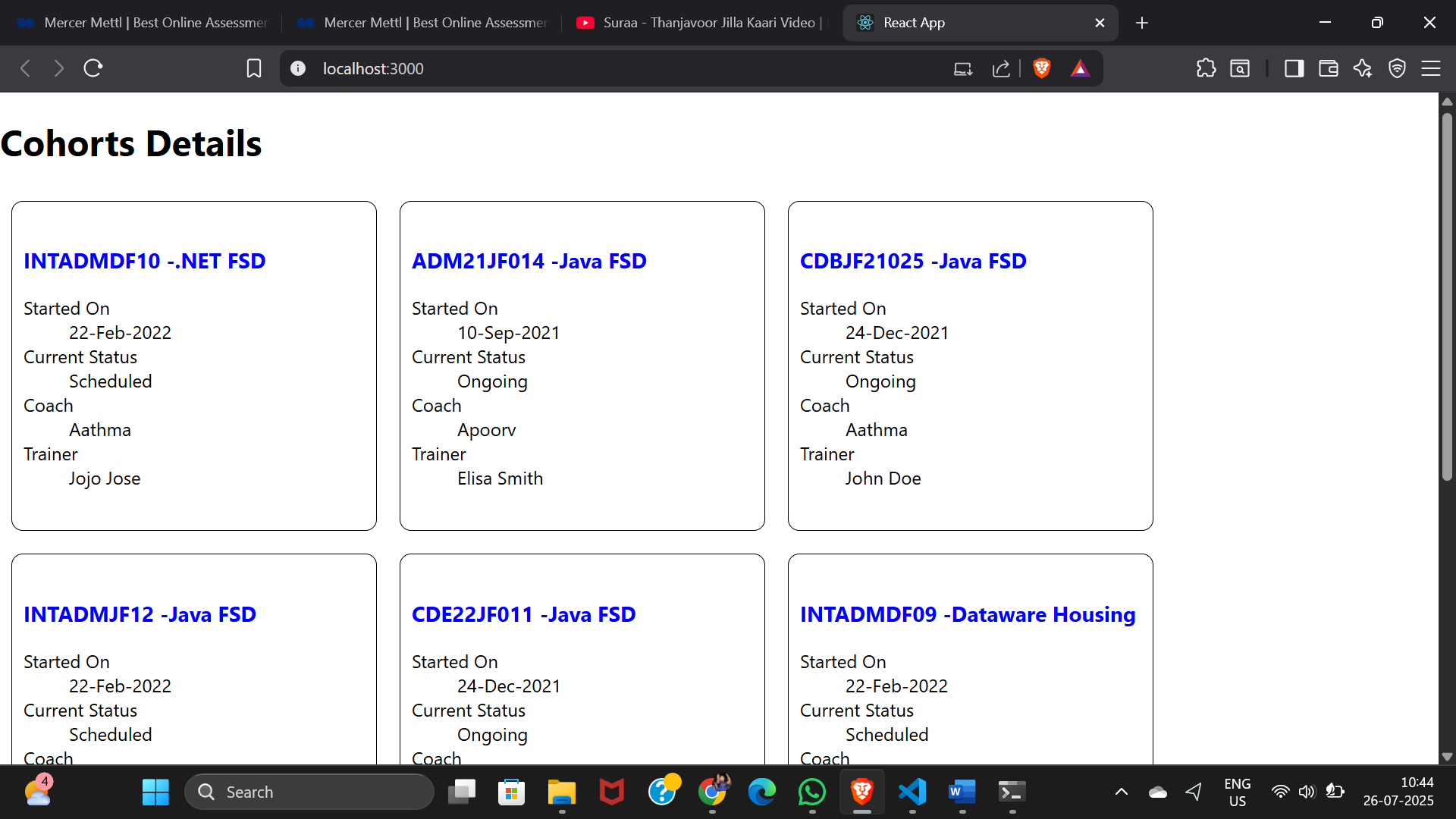
        </div>

    );

}

export default CohortDetails;

1. **Output**

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