**Hands-on in this document**

**Objectives**

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

Visual Appeal: Makes the UI look clean and professional.

Better UX: Improves readability, spacing, and interaction.

Organized Layout: Separates and structures content clearly.

Scoped Styling: Avoids CSS conflicts using modules or inline styles.

Dynamic Styling: Allows style changes based on data (e.g., green if status is "Ongoing").

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

**CSS Modules:**

* Local scoped styles (class names don’t conflict globally).
* File ends with .module.css.
* Import like:

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

* Use in JSX:

<div className={styles.box}>...</div>

**Inline Styles:**

* Styles written directly in JSX as JavaScript objects.
* Example:

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

{cohort.name}

</h3>

**Code :**

**-- CohortDetails.module.css**

.box {

width: 300px;

display: inline-block;

margin: 10px;

padding: 10px 20px;

border: 1px solid black;

border-radius: 10px;

vertical-align: top;

}

dt {

font-weight: 600;

}

**-- CohortDetails.js**

import React from "react";

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

function CohortDetails({ name, startDate, status, coach, trainer }) {

const headingStyle = {

color: status.toLowerCase() === "ongoing" ? "green" : "blue",

};

return (

<div className={styles.box}>

<h3 style={headingStyle}>{name}</h3>

<dl>

<dt>Started On</dt>

<dd>{startDate}</dd>

<dt>Current Status</dt>

<dd>{status}</dd>

<dt>Coach</dt>

<dd>{coach}</dd>

<dt>Trainer</dt>

<dd>{trainer}</dd>

</dl>

</div>

);

}

export default CohortDetails;

**-- App.js**

import React from "react";

import CohortDetails from "./CohortDetails";

function App() {

return (

<div style={{ padding: "20px" }}>

<h2><strong>Cohorts Details</strong></h2>

<CohortDetails

name="INTADMDF10 -.NET FSD"

startDate="22-Feb-2022"

status="Scheduled"

coach="Aathma"

trainer="Jojo Jose"

/>

<CohortDetails

name="ADM21JF014 - Java FSD"

startDate="10-Sep-2021"

status="Ongoing"

coach="Apoorv"

trainer="Elisa Smith"

/>

<CohortDetails

name="CDBJF21025 - Java FSD"

startDate="24-Dec-2021"

status="Ongoing"

coach="Aathma"

trainer="John Doe"

/>

</div>

);

}

export default App;

**Output :**

