**React HOL-5**

**Understanding the need for styling react component**

* To make your app **look good** and **user-friendly**
* To give each component its own **visual identity**
* To support **responsive design** and improve **user experience**
* Helps **organize styles** per component, avoiding conflicts

React allows you to style components in several ways:  
🔹 CSS files  
🔹 Inline styles  
🔹 CSS Modules  
🔹 Styled-components (external library)

**Working with CSS Module and inline styles**

CSS Modules help you write styles **scoped to a specific component**, so classes don’t conflict.

**How to use:**

**Step 1:** Create a CSS module file (must end with .module.css)  
MyComponent.module.css:

.title {

color: blue;

font-size: 20px;

}

**Step 2:** Import and use in your component:

import React from 'react';

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

function MyComponent() {

return <h1 className={styles.title}>Hello World</h1>;

}

export default MyComponent;

The class .title only applies to MyComponent, not globally.

**2. Inline Styles**

Inline styles are written as **JavaScript objects**, not regular CSS strings.

**Example:**

function MyComponent() {

const headingStyle = {

color: 'green',

fontSize: '24px',

backgroundColor: '#f0f0f0',

};

return <h1 style={headingStyle}>This is styled inline</h1>;

}

Best for **dynamic styles** or quick styling.

**Cohort.js**

class Cohort {

constructor(cohortCode,

startDate,

technology,

trainerName,

coachName,

currentStatus) {

this.cohortCode = cohortCode;

this.coachName = coachName;

this.trainerName = trainerName;

this.technology = technology;

this.startDate = startDate;

this.currentStatus = currentStatus;

}

}

const CohortsData =[

new Cohort('INTADMDF10','22-Feb-2022', '.NET FSD', 'Jojo Jose','Aathma', 'Scheduled'),

new Cohort('ADM21JF014','10-Sep-2021', 'Java FSD', 'Elisa Smith','Apoorv', 'Ongoing'),

new Cohort('CDBJF21025','24-Dec-2021', 'Java FSD', 'John Doe','Aathma', 'Ongoing'),

new Cohort('INTADMJF12','22-Feb-2022', 'Java FSD', 'To Be Assigned','Ibrahim', 'Scheduled'),

new Cohort('CDE22JF011','24-Dec-2021', 'Java FSD', 'Emma Swan','Apoorv', 'Ongoing'),

new Cohort('INTADMDF09','22-Feb-2022', 'Dataware Housing', 'Babjee Rao','Aathma', 'Scheduled'),

new Cohort('ADM22DF001','10-Sep-2021', '.NET FSD', 'Marie Curie','Ibrahim', 'Ongoing'),

];

export {Cohort, CohortsData};

**CohertDetails.js**

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

function CohortDetails(props) {

const status = props.cohort.currentStatus;

const headingStyle = {

color: status === "Ongoing" ? "green" : "blue",

};

return (

<div className={styles.box}>

<h3 style={headingStyle}>

{props.cohort.cohortCode} -

<span>{props.cohort.technology}</span>

</h3>

<dl>

<dt>Started On</dt>

<dd>{props.cohort.startDate}</dd>

<dt>Current Status</dt>

<dd>{status}</dd>

<dt>Coach</dt>

<dd>{props.cohort.coachName}</dd>

<dt>Trainer</dt>

<dd>{props.cohort.trainerName}</dd>

</dl>

</div>

);

}

export default CohortDetails;

**CohertDetails.module.css**

.box {

width: 300px;

display: inline-block;

margin: 10px;

padding: 10px 20px;

border: 1px solid black;

border-radius: 10px;

}

dt {

font-weight: 500;

}

**Output**

**A screenshot of a computer

AI-generated content may be incorrect.**