Objectives
- Understanding the need for styling react component
- Working with CSS Module and inline styles

In this hands-on lab, you will learn how to:
- Style a react component
- Define styles using the CSS Module
- Apply styles to components using className and style properties

Prerequisites

The following is required to complete this hands-on lab:
- Node.js
- NPM
- Visual Studio Code

Notes
Estimated time to complete this lab: **30 minutes.**

My Academy team at Cognizant want to create a dashboard containing the details of ongoing and completed cohorts. A react application is created which displays the detail of the cohorts using react component. You are assigned the task of styling these react components.
Download and build the attached react application.

cohorttracker.zip

1. **Unzip the react application in a folder**
2. **Open command prompt and switch to the react application folder**
3. **Restore the node packages using the following commands**

C:\Windows\System32\cmd.exe

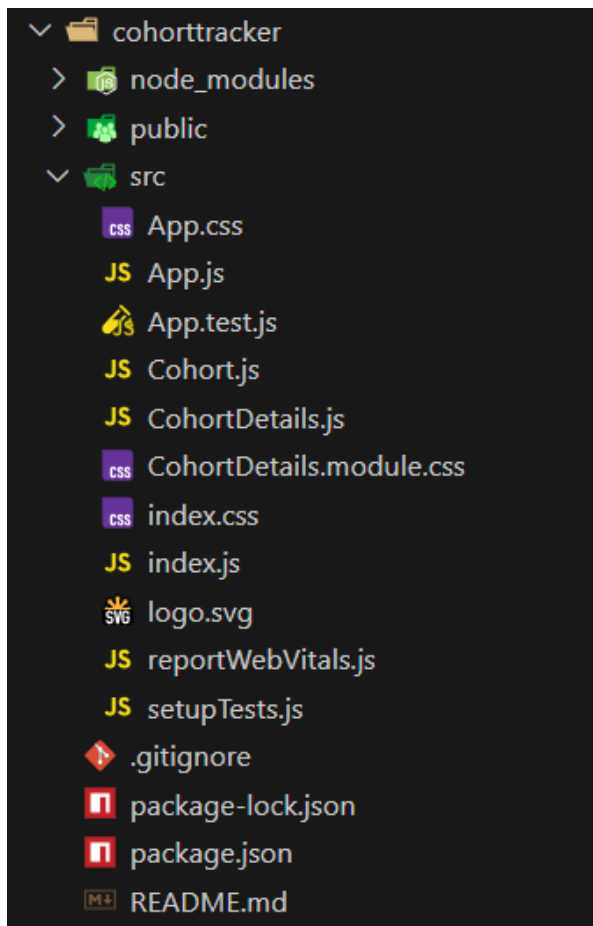C:\CTS-NewHandsOns\ReactHandsOns\cohortstracker>npm install

Figure 1: Restore packages

4. **Open the application using VS Code**
5. **Create a new CSS Module in a file called "CohortDetails.module.css"**
6. **Define a css class with the name as "box" with following properties**
   Width = 300px;
   Display = inline block;
   Overall 10px margin
   Top and bottom padding as 10px
   Left and right padding as 20px
   1 px border in black color
   A border radius of 10px
7. **Define a css style for html <dt> element using tag selector. Set the font weight to 500.**
8. **Open the cohort details component and import the CSS Module**

9. **Apply the box class to the container div**
10. **Define the style for <h3> element to use "green" color font when cohort status is "ongoing" and "blue" color in all other scenarios.**
11. **Final result should look similar to the below image**

Figure 2: Final Result

Implementation
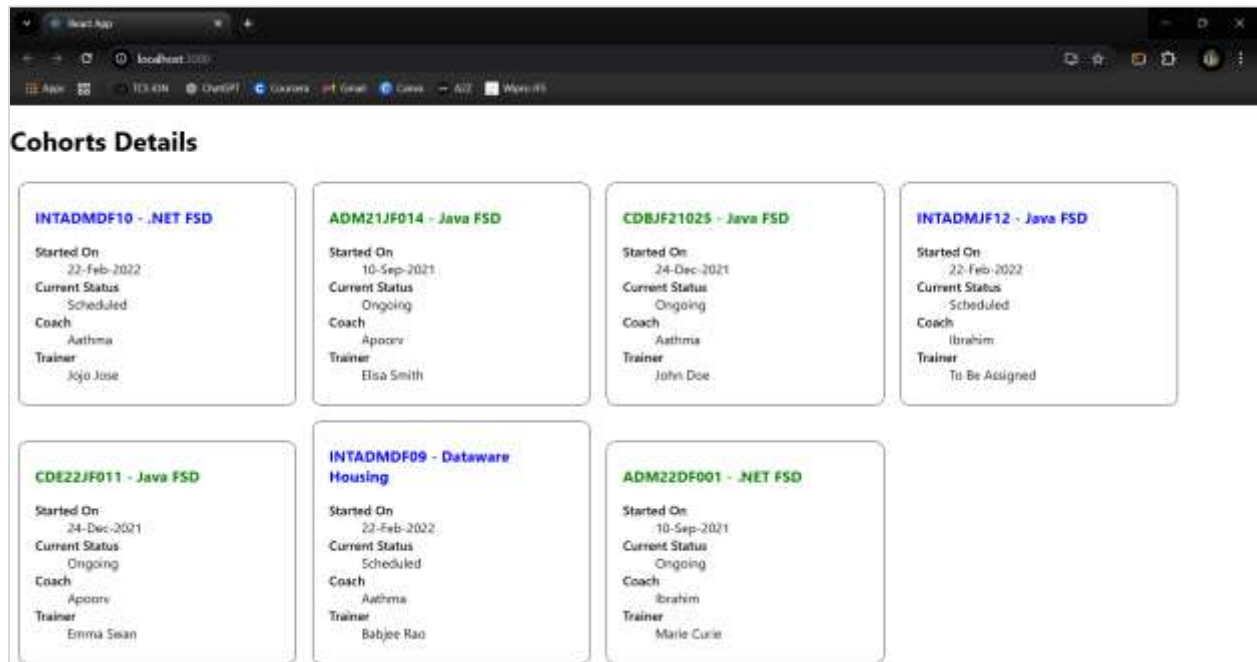
CohortDetails.js

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

function CohortDetails(props) {
   const status = props.cohort.currentStatus.trim().toLowerCase();
   const statusClass = status === 'ongoing' ? styles.ongoing : styles.completed;
   return (
      <div className={styles.box}>
         <h3 className={statusClass}>
            {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;
```

CohortDetails.module.css

```
.box {
 width: 300px;
 display: inline-block;
 margin: 10px;
 padding: 10px 20px;
 border: 1px solid black;
 border-radius: 10px;
}
dt {
 font-weight: 500;
}
.ongoing {
 color: green;
}
.completed {
 color: blue;
}
```

Output:

Cohorts Details

INTADMDF10 - .NET FSD

Started On
22-Feb-2022
Current Status
Scheduled
Coach
Aathma
Trainer
Jojo Jose

ADM21JF014 - Java FSD

Started On
10-Sep-2021
Current Status
Ongoing
Coach
Apoorv
Trainer
Elisa Smith

CDBJF21025 - Java FSD

Started On
24-Dec-2021
Current Status
Ongoing
Coach
Aathma
Trainer
John Doe

INTADMJF12 - Java FSD

Started On
22-Feb-2022
Current Status
Scheduled
Coach
Ibrahim
Trainer
To Be Assigned

CDE22JF011 - Java FSD

Started On
24-Dec-2021
Current Status
Ongoing
Coach
Apoorv
Trainer
Emma Sean

INTADMDF09 - Dataware Housing

Started On
22-Feb-2022
Current Status
Scheduled
Coach
Aathma
Trainer
Babjee Rao

ADM22DF001 - .NET FSD

Started On
10-Sep-2021
Current Status
Ongoing
Coach
Ibrahim
Trainer
Marie Curie