5.ReactJS-HOL

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

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.

Code:

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;;
}
```

CohortDetails.js

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

function CohortDetails(props) {
    const isOngoing = props.cohort.currentStatus.toLowerCase() === "ongoing";
    const headingStyle = {
        color: isOngoing ? '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>{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;
```

Terminal Output:

```
PS E:\Cognizant-Java FSE\Week 6\Code\5.ReactJS-HOL\cohorttracker> npm start

> cohortstracker@0.1.0 start
> react-scripts start

Browserslist: caniuse-lite is outdated. Please run:
  npx browserslist@latest --update-db
  Why you should do it regularly: https://github.com/browserslist/browserslist#browsers-data-updating
(node:2924) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setup
iddlewares' option.
(Use `node --trace-deprecation ...` to show where the warning was created)
(node:2924) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'set
pMiddlewares' option.
Starting the development server...
Compiled with warnings.

src\App.js
```
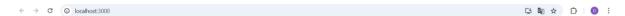
Browser Output:

◄ ► C ⓘ localhost:3000

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 Swan

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