

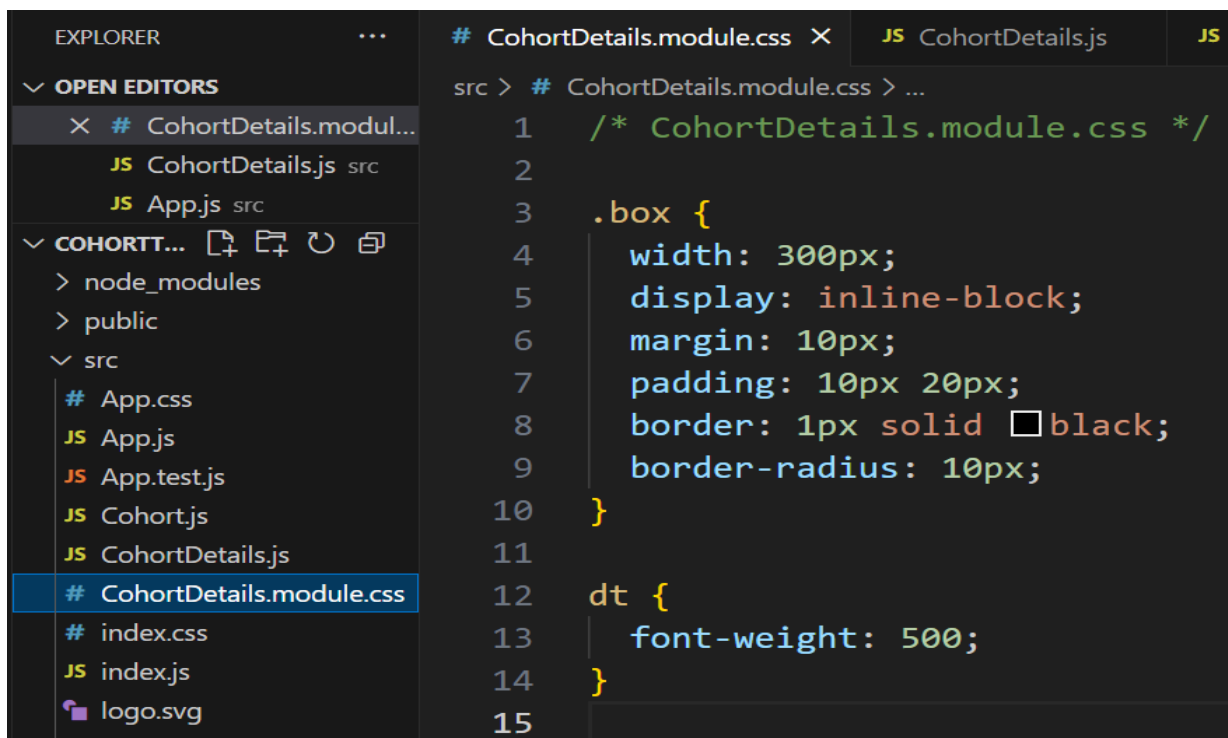
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TRACK:JAVA FSE

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.

Step 1: Create the CSS Module


Create the file CohortDetails.module.css in the src/ folder:

A screenshot of the Visual Studio Code editor interface. On the left, the Explorer sidebar shows a project structure with folders 'node_modules', 'public', and 'src'. The 'src' folder is expanded, showing files like 'App.css', 'App.js', 'App.test.js', 'Cohort.js', 'CohortDetails.js', 'CohortDetails.module.css' (which is selected and highlighted in blue), 'index.css', 'index.js', and 'logo.svg'. The main editor area shows the content of 'CohortDetails.module.css'. The file name 'CohortDetails.module.css' is in the tab at the top. The code content is as follows:

```
1  /* CohortDetails.module.css */
2
3  .box {
4      width: 300px;
5      display: inline-block;
6      margin: 10px;
7      padding: 10px 20px;
8      border: 1px solid black;
9      border-radius: 10px;
10 }
11
12 dt {
13     font-weight: 500;
14 }
15
```

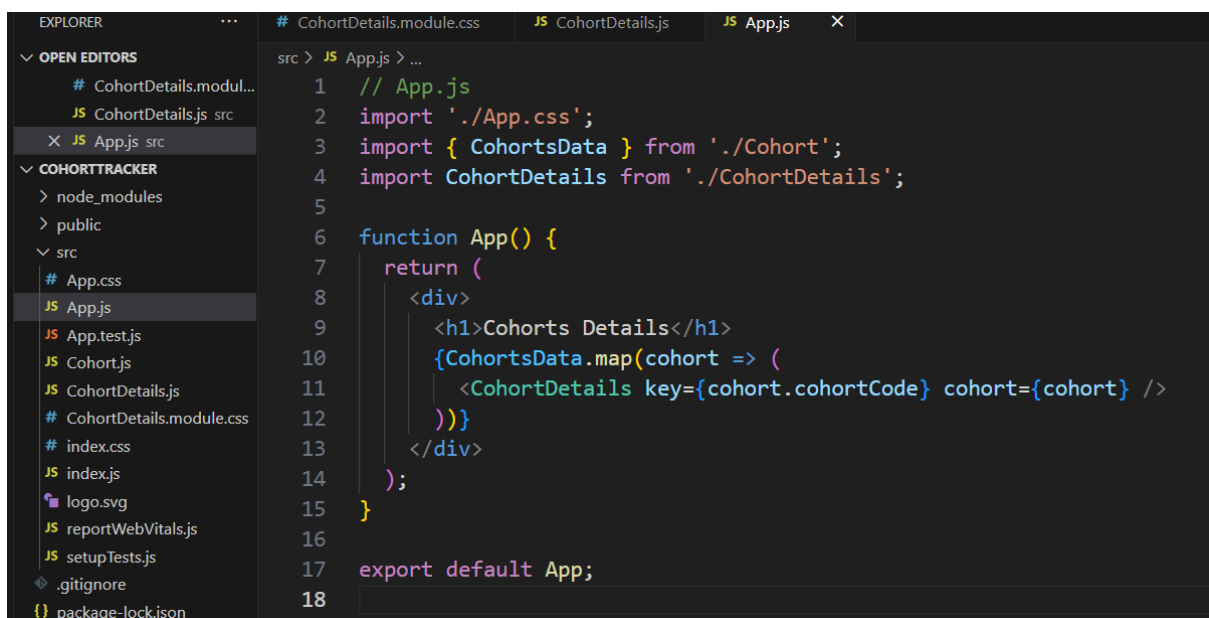
Step 2: Modify CohortDetails.js to Use CSS Module and Conditional Color

Update the CohortDetails.js like this:

A screenshot of the Visual Studio Code editor. The Explorer sidebar on the left shows a project structure with folders like 'node_modules', 'public', and 'src'. The 'src' folder is expanded, showing files like 'App.css', 'App.js', 'App.test.js', 'Cohort.js', 'CohortDetails.js', 'CohortDetails.module.css', 'index.css', 'index.js', 'logo.svg', 'reportWebVitals.js', 'setupTests.js', '.gitignore', 'package-lock.json', 'package.json', and 'README.md'. The 'CohortDetails.js' file is selected and open in the editor. The code in the editor is as follows:

```
1 // CohortDetails.js
2 import React from 'react';
3 import styles from './CohortDetails.module.css';
4
5 function CohortDetails(props) {
6   const { cohort } = props;
7   const titleColor = cohort.currentStatus.toLowerCase() === 'ongoing' ? 'green' : 'blue';
8
9   return (
10     <div className={styles.box}>
11       <h3 style={{ color: titleColor }}>
12         {cohort.cohortCode} - <span>{cohort.technology}</span>
13       </h3>
14       <dl>
15         <dt>Started On</dt>
16         <dd>{cohort.startDate}</dd>
17         <dt>Current Status</dt>
18         <dd>{cohort.currentStatus}</dd>
19         <dt>Coach</dt>
20         <dd>{cohort.coachName}</dd>
21         <dt>Trainer</dt>
22         <dd>{cohort.trainerName}</dd>
23       </dl>
24     </div>
25   );
26 }
27
28 export default CohortDetails;
```

Step 3: Update App.js to Add key for Each Item

A screenshot of the Visual Studio Code editor. The Explorer sidebar on the left shows the same project structure as the previous screenshot. The 'App.js' file is selected and open in the editor. The code in the editor is as follows:

```
1 // App.js
2 import './App.css';
3 import { CohortsData } from './Cohort';
4 import CohortDetails from './CohortDetails';
5
6 function App() {
7   return (
8     <div>
9       <h1>Cohorts Details</h1>
10       {CohortsData.map(cohort => (
11         <CohortDetails key={cohort.cohortCode} cohort={cohort} />
12       ))}
13     </div>
14   );
15 }
16
17 export default App;
```

Step 4: Run the App

In the terminal, run:

npm start

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

why you should do it regularly: https://github.com/browserslist/browserslist#browsers-data-updating
(node:49080) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Use 'onAfterSetupDevMiddleware' option.
(node:49080) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Use 'onBeforeSetupDevMiddleware' option.
Starting the development server...
Compiled successfully!

You can now view cohortstracker in the browser.

Local:      http://localhost:3000
On Your Network: http://192.168.2.100:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

assets by path static/js/*.js 1.5 MiB
  asset static/js/bundle.js 1.49 MiB [emitted] (name: main) 1 related asset
  asset static/js/node_modules_web-vitals_dist_web-vitals_js.chunk.js 6.93 KiB [emitted] 1 related asset
asset index.html 1.67 KiB [emitted]
asset asset-manifest.json 458 bytes [emitted]
runtime modules 31.3 KiB 15 modules
```

Output at browser:-

← → ↺

localhost:3000

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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