**WEEK- 6: REACT**

**Exercise-5: ReactJS – HOL**

**1.index.html:**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="theme-color" content="#000000" />

    <title>Cohort Dashboard</title>

  </head>

  <body>

    <noscript>You need to enable JavaScript to run this app.</noscript>

    <div id="root"></div>

  </body>

</html>

**2.App.js:**

import React from 'react';

import CohortDetails from './CohortDetails';

function App() {

  const cohorts = [

    { id: 1, name: 'React Basics', status: 'ongoing', startDate: '2025-08-01', endDate: '2025-09-01' },

    { id: 2, name: 'Advanced JavaScript', status: 'completed', startDate: '2025-06-01', endDate: '2025-07-01' }

  ];

  return (

    <div style={{ padding: '20px' }}>

      <h2>Cohort Dashboard</h2>

      {cohorts.map(cohort => (

        <CohortDetails key={cohort.id} cohort={cohort} />

      ))}

    </div>

  );

}

export default App;

**3.CohortDetails.java:**

import React from 'react';

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

function CohortDetails({ cohort }) {

  const headingStyle = {

    color: cohort.status === 'ongoing' ? 'green' : 'blue'

  };

  return (

    <div className={styles.box}>

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

      <dl>

        <dt>Status:</dt>

        <dd>{cohort.status}</dd>

        <dt>Start Date:</dt>

        <dd>{cohort.startDate}</dd>

        <dt>End Date:</dt>

        <dd>{cohort.endDate}</dd>

      </dl>

    </div>

  );

}

export default CohortDetails;

**4.package.json:**

{

  "name": "cohort-dashboard",

  "version": "1.0.0",

  "private": true,

  "dependencies": {

    "react": "^18.0.0",

    "react-dom": "^18.0.0",

    "react-scripts": "5.0.1"

  },

  "scripts": {

    "start": "react-scripts start",

    "build": "react-scripts build",

    "test": "react-scripts test",

    "eject": "react-scripts eject"

  },

  "browserslist": {

    "production": [

      ">0.2%",

      "not dead",

      "not op\_mini all"

    ],

    "development": [

      "last 1 chrome version",

      "last 1 firefox version",

      "last 1 safari version"

    ]

  }

}

**5.Cohortmodules.css:**

.box {

  width: 300px;

  display: inline-block;

  margin: 10px;

  padding: 10px 20px;

  border: 1px solid black;

  border-radius: 10px;

}

dt {

  font-weight: 500;

}

**6.index.js:**

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

  <React.StrictMode>

    <App />

  </React.StrictMode>

);

**Output:**

A screenshot of a computer

AI-generated content may be incorrect.