**Cognizant Academy teams want to maintain a list of trainers along with their expertise in a SPA using React as the technology. You are assigned the task of creating this React app.**

npx create-react-app trainersapp

cd trainersapp

**Home.js**

// src/components/Home.js

import React from "react";

const Home = () => (

  <div>

    <h2>Welcome to Cognizant Academy Trainers Portal</h2>

    <p>Click on Trainers to view the list of all trainers.</p>

  </div>

);

export default Home;

**Trainer.js**

// src/components/Trainer.js

export default class Trainer {

  constructor(trainerId, name, email, phone, technology, skills) {

    this.trainerId = trainerId;

    this.name = name;

    this.email = email;

    this.phone = phone;

    this.technology = technology;

    this.skills = skills;

  }

}

// src/components/TrainerDetails.js

import React from "react";

import { useParams } from "react-router-dom";

import trainers from "../TrainersMock";

const TrainerDetails = () => {

  const { id } = useParams();

  const trainer = trainers.find((t) => t.trainerId === id);

  if (!trainer) return <h2>Trainer not found</h2>;

  return (

    <div>

      <h2>Trainer Details</h2>

      <p><strong>ID:</strong> {trainer.trainerId}</p>

      <p><strong>Name:</strong> {trainer.name}</p>

      <p><strong>Email:</strong> {trainer.email}</p>

      <p><strong>Phone:</strong> {trainer.phone}</p>

      <p><strong>Technology:</strong> {trainer.technology}</p>

      <p><strong>Skills:</strong> {trainer.skills.join(", ")}</p>

    </div>

  );

};

export default TrainerDetails;

**TrainersList.js**

// src/components/TrainersList.js

import React from "react";

import { Link } from "react-router-dom";

const TrainersList = ({ data }) => (

  <div>

    <h2>Trainers List</h2>

    <ul>

      {data.map((trainer) => (

        <li key={trainer.trainerId}>

          <Link to={`/trainer/${trainer.trainerId}`}>{trainer.name}</Link>

        </li>

      ))}

    </ul>

  </div>

);

export default TrainersList;

**App.js**

// src/App.js

import React from "react";

import { BrowserRouter as Router, Routes, Route, Link } from "react-router-dom";

import Home from "./components/Home";

import TrainersList from "./components/TrainersList";

import TrainerDetails from "./components/TrainerDetails";

import trainers from "./TrainersMock";

function App() {

  return (

    <Router>

      <div>

        <nav>

          <Link to="/">Home</Link> | <Link to="/trainers">Trainers</Link>

        </nav>

        <hr />

        <Routes>

          <Route path="/" element={<Home />} />

          <Route path="/trainers" element={<TrainersList data={trainers} />} />

          <Route path="/trainer/:id" element={<TrainerDetails />} />

        </Routes>

      </div>

    </Router>

  );

}

export default App;

**index.js**

// src/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(<App />);

npm start







