**WEEK-6**

**REACTJS**

**Code:**

**App.js:**

import React from 'react';

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

import Home from './Home';

import TrainersList from './TrainersList';

import TrainerDetails from './TrainerDetails';

function App() {

return (

<Router>

<div>

<h1>My Academy Trainers App</h1>

<nav>

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

</nav>

<hr />

<Routes>

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

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

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

</Routes>

</div>

</Router>

);

}

export default App;

**Home.js:**

import React from 'react';

function Home() {

return (

<div>

<h1>My Academy Trainers App</h1>

<p>Welcome to the home page of My Academy Trainers App</p>

</div>

);

}

export default Home;

**TrainerDetails.js:**

import React from 'react';

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

import trainers from './TrainersMock';

function TrainerDetails() {

const { id } = useParams();

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

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

return (

<div>

<h2>Trainers Details</h2>

<h3>{trainer.name} ({trainer.technology})</h3>

<p>{trainer.email}</p>

<p>{trainer.phone}</p>

<ul>

{trainer.skills.map((skill, idx) => (

<li key={idx}>{skill}</li>

))}

</ul>

</div>

);

}

export default TrainerDetails;

**TrainersList.js:**

import React from 'react';

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

import trainers from './TrainersMock';

function TrainersList() {

return (

<div>

<h2>Trainers List</h2>

<ul>

{trainers.map((trainer) => (

<li key={trainer.trainerId}>

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

</li>

))}

</ul>

</div>

);

}

export default TrainersList;

**TrainersMock.js:**

import Trainer from "./trainer";

const trainers = [

new Trainer(

"T001",

"Syed Khaleelullah",

"khaleelullah@cognizant.com",

"97676516962",

".NET",

["C#", "SQL Server", "React", ".NET Core"]

),

new Trainer(

"T002",

"Jane Doe",

"jane.doe@cognizant.com",

"9876543210",

"Java",

["Java", "Spring Boot", "Hibernate"]

)

];

export default trainers;

**trainer.js:**

class Trainer {

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

this.trainerId = trainerId;

this.name = name;

this.email = email;

this.phone = phone;

this.technology = technology;

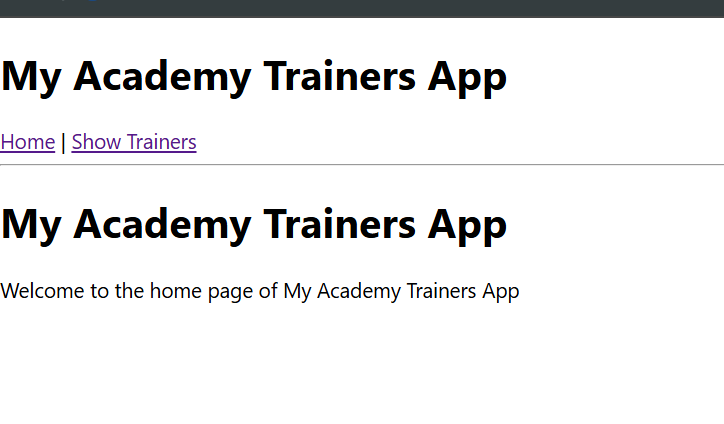
this.skills = skills;

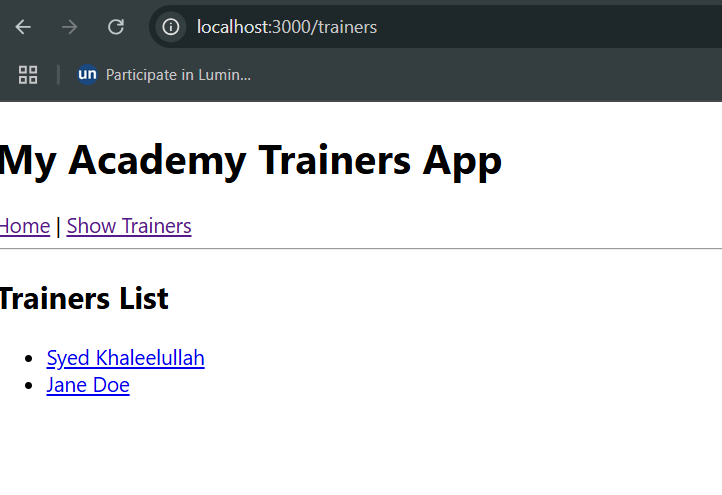
}

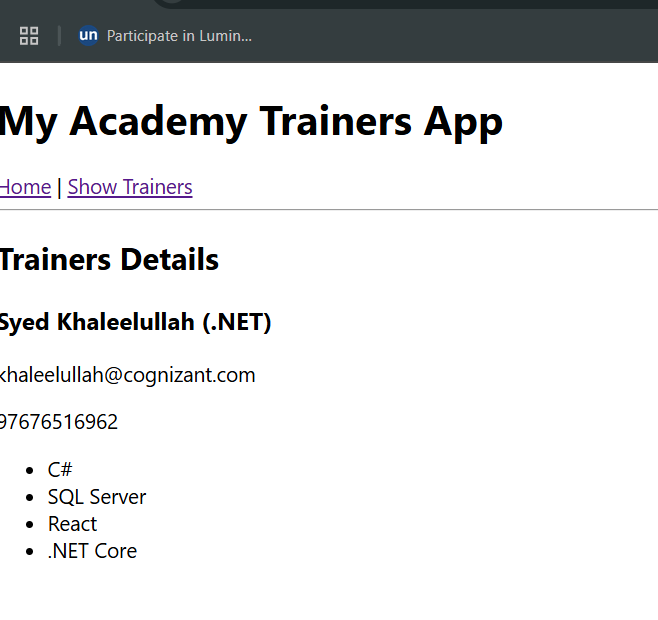
}

export default Trainer;

**Output:**

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