**WEEK 6 : REACT Hands On 6**

**Creating a Simple Trainer React Application**

**Code :**

**Trainers.js**

// src/Trainer.js

class Trainer {

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

    this.trainerId = id;

    this.name = name;

    this.email = email;

    this.phone = phone;

    this.technology = technology;

    this.skills = skills;

  }

}

export default Trainer;

**TrainersMock.js**

// src/TrainersMock.js

import Trainer from './Trainer';

const trainers = [

  new Trainer(1, "Anjali Sharma", "anjali@example.com", "9876543210", "Java", "Spring, Hibernate"),

  new Trainer(2, "Rahul Mehta", "rahul@example.com", "9123456780", "React", "ReactJS, Redux"),

  new Trainer(3, "Sita Reddy", "sita@example.com", "9988776655", "Python", "Django, Flask"),

];

export default trainers;

**TrainersList.js**

// src/TrainersList.js

import React from 'react';

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

function TrainersList({ trainers }) {

  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;

**Home.js**

// src/Home.js

import React from 'react';

function Home() {

  return (

    <div>

      <h2>Welcome to Trainers Portal</h2>

      <p>Select a section from the menu above.</p>

    </div>

  );

}

export default Home;

**TrainerDetails.js**

// src/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 === parseInt(id));

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

  return (

    <div>

      <h2>{trainer.name}</h2>

      <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}</p>

    </div>

  );

}

export default TrainerDetails;

**App.js**

// src/App.js

import React from 'react';

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

import Home from './Home';

import TrainersList from './TrainersList';

import TrainerDetails from './TrainerDetails';

import trainers from './TrainersMock';

function App() {

  return (

    <BrowserRouter>

      <div>

        <nav>

          <Link to="/">Home</Link> |{" "}

          <Link to="/trainers">Trainers List</Link>

        </nav>

        <Routes>

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

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

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

        </Routes>

      </div>

    </BrowserRouter>

  );

}

export default App;

**Output :**



