**React Handson - 6**

**CODE:**

**App.js: -**

import React, { Component } from 'react';

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

import TrainersList from './Trainerlist';

import Home from './Home';

import TrainerDetail from './TrainerDetails';

import trainersMock from './TrainerMock';

class App extends Component {

  render() {

    return (

      <BrowserRouter>

        <div style={{padding:'10px'}}>

          <h1 >My Academy Trainers App</h1>

          <nav>

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

          </nav>

          <Routes>

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

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

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

          </Routes>

        </div>

      </BrowserRouter>

    );

  }

}

export default App;

**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;

**TrainerMock.js: -**

import Trainer from "./trainer"

const trainersMock=[

    new Trainer(

        't-syed8',

        'Syed Khaleelullah',

        'khaleelullah@cognizant.com',

        '97676516962',

        '.NET',

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

    ),

    new Trainer(

        't-joj',

        'Jojo Jose',

        'jojo@cognizant.com',

        '9897199231',

        'Java',

        ['Java','JSP','Angular','Spring']

    ),

    new Trainer(

        't-elisa',

        'Elisa Jones',

        'elisa@cognizant.com',

        '9871212235',

        'Python',

        ['Python','Django','Angular']

    )

]

export default trainersMock;

**Trainerlist.js: -**

import React,{Component} from 'react';

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

class TrainersList extends Component {

    render() {

        const { trainers } = this.props;

        return (

            <div >

                <h3><strong>Trainers List</strong></h3>

                <ul>

                    {trainers.map((trainer) => (

                        <li key={trainer.trainerId}>

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

                        </li>

                    ))}

                </ul>

            </div>

        );

    }

}

export default TrainersList;

**TrainerDetails.js: -**

import React from 'react';

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

import trainersMock from './TrainerMock';

const TrainerDetail = () => {

const { id } = useParams();

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

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

return (

<div>

<h2>Trainers Details</h2>

<p><strong>{trainer.name + " (" + trainer.technology + ")"}</strong></p>

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

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

<ul>

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

<li>{skill}</li>

))}

</ul>

</div>

);

};

export default TrainerDetail;

**Home.js: -**

import React, { Component } from 'react';

class Home extends Component {

    render() {

        return (

            <h2>Welcome to Trainers App</h2>

        );

    }

}

export default Home;

**OUTPUT:**





