**Exercise 6**

**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;

**TrainerDetails.js**

import React from "react";

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

import TrainersMock from "./TrainersMock";

function TrainerDetail() {

  const { id } = useParams();

  const trainer = TrainersMock.find(t => t.TrainerId === parseInt(id));

  if (!trainer) {

    return <div>Trainer not found.</div>;

  }

  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 TrainerDetail;

**Trainerlist.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={`/trainers/${trainer.TrainerId}`}>{trainer.Name}</Link>

          </li>

        ))}

      </ul>

    </div>

  );

}

export default TrainersList;

**Trainermock.js**

const TrainersMock = [

  {

    TrainerId: 1,

    Name: "John Doe",

    Email: "john.doe@example.com",

    Phone: "123-456-7890",

    Technology: "React",

    Skills: ["JavaScript", "React", "Redux"]

  },

  {

    TrainerId: 2,

    Name: "Jane Smith",

    Email: "jane.smith@example.com",

    Phone: "987-654-3210",

    Technology: "Angular",

    Skills: ["JavaScript", "Angular", "TypeScript"]

  },

  {

    TrainerId: 3,

    Name: "Alice Johnson",

    Email: "alice.johnson@example.com",

    Phone: "555-123-4567",

    Technology: "Vue",

    Skills: ["JavaScript", "Vue", "Vuex"]

  }

];

export default TrainersMock;

**App.js**

import React from 'react';

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

import Home from './Home';

import TrainersList from './Trainerlist';

import TrainerDetail from './TrainerDetails';

import TrainersMock from './TrainersMock';

import './App.css';

function App() {

  return (

    <Router>

      <div className="App">

        <nav style={{ margin: '20px' }}>

          <Link to="/" style={{ marginRight: '15px' }}>Home</Link>

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

        </nav>

        <Routes>

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

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

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

          <Route path="\*" element={<Navigate to="/" replace />} />

        </Routes>

      </div>

    </Router>

  );

}

export default App;

**Output:**

  