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5.React.js – HOL

Command : npx create-react-app trainers_app

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

```
import Trainer from './Trainer';  
  
const trainers = [  
  
  new Trainer(1, "Aathma", "aathma@gmail.com", "9999999991", "Java", "Spring, Hibernate"),  
  
  new Trainer(2, "Jojo", "jojo@gmail.com", "9999999992", "React", "React, Redux"),  
  
  new Trainer(3, "John", "john@gmail.com", "9999999993", "Python", "Django, Flask"), ];  
  
export default trainers;
```

Home.js

```
import React from 'react';

const Home = () => {

  return (

    <div>

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

    </div>

  );

};

export default Home;
```

TrainerList.js

```
import React from 'react';

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

const TrainerList = ({ data }) => {

  return (

    <div>

      <h2>Trainers List</h2>

      <ul>

        {data.map(trainer => (

          <li key={trainer.trainerId}>

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

          </li>

        ))}

      </ul>

    </div>

  );

};
```

```
    </div>

  );

};

export default TrainerList;
```

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 === parseInt(id));

  if (!trainer) return <h3>Trainer not found</h3>;

  return (

    <div>

      <h2>Trainer Details</h2>

      <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}</p>

    </div>

  );

};

export default TrainerDetails;
```

App.js

```
import React from 'react';

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

import Home from './Home';

import TrainerList from './TrainerList';

import TrainerDetails from './TrainerDetails';

import trainers from './TrainersMock';

function App() {

  return (

    <BrowserRouter>

      <nav style={{ padding: '10px', backgroundColor: '#eee' }}>

        <Link to="/" style={{ marginRight: '10px' }}>Home</Link>

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

      </nav>

      <Routes>

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

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

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

      </Routes>

    </BrowserRouter>

  );

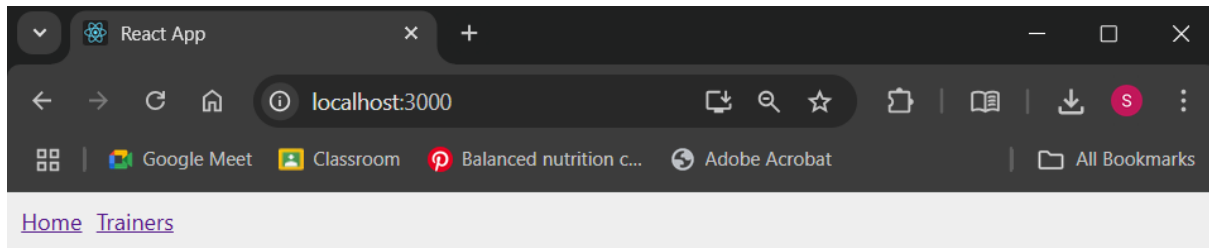
}

export default App;
```

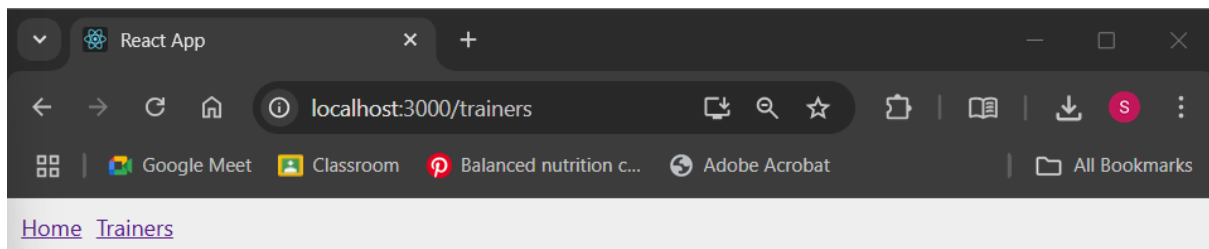
Command : npm install react-router-dom

Command : npm start

Output :



Welcome to Cognizant Academy Trainers Portal



Trainers List

- [Aathma](#)
- [Jojo](#)
- [John](#)