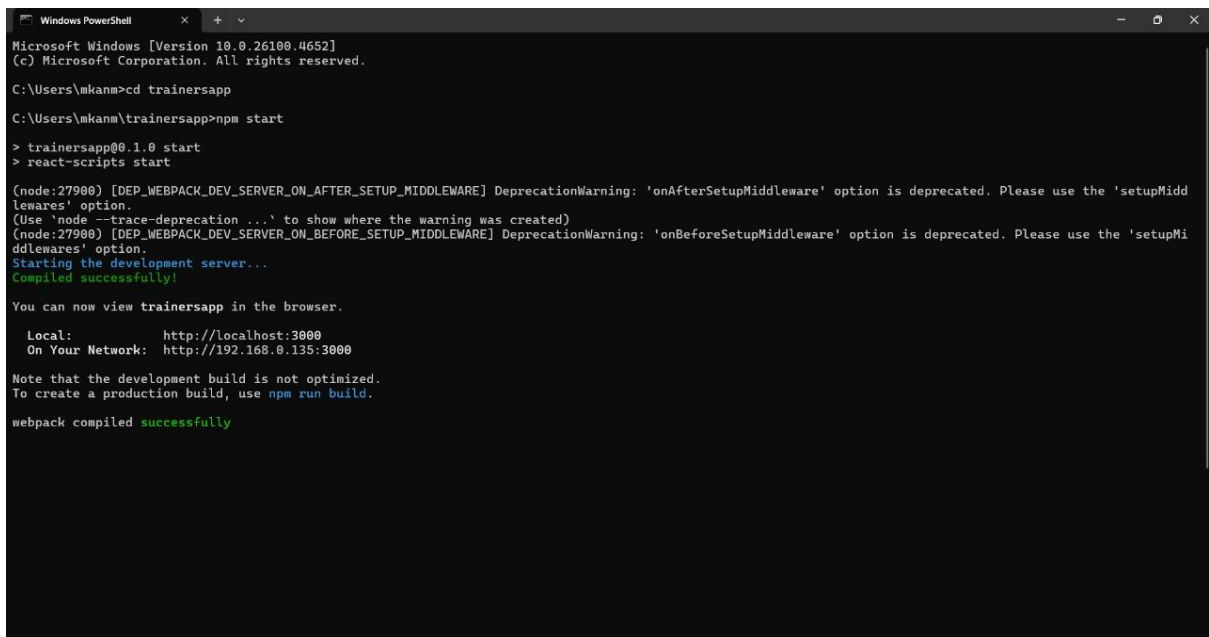


Cognizant Academy teams want to maintain a list of trainers along with their expertise in a SPA using React as the technology. You are assigned the task of creating this React app.

The following trainers' data application will deal.

1. T-ID
2. Name
3. Phone
4. Email
5. Stream
6. Skills

1. Create a new React app using create-react-app tool with the as "TrainersApp"



```
Windows PowerShell
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\mkanm>cd trainersapp
C:\Users\mkanm\trainersapp>npm start

> trainersapp@0.1.0 start
> react-scripts start

(node:27900) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
(Use 'node --trace-deprecation ...' to show where the warning was created)
(node:27900) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
Starting the development server...
Compiled successfully!

You can now view trainersapp in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.0.135:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```

App.js

```
import logo from './logo.svg'; // Import logo
```

```
import './App.css';
```

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

```
import Home from "./Home";
```

```

import TrainerList from "./TrainerList";

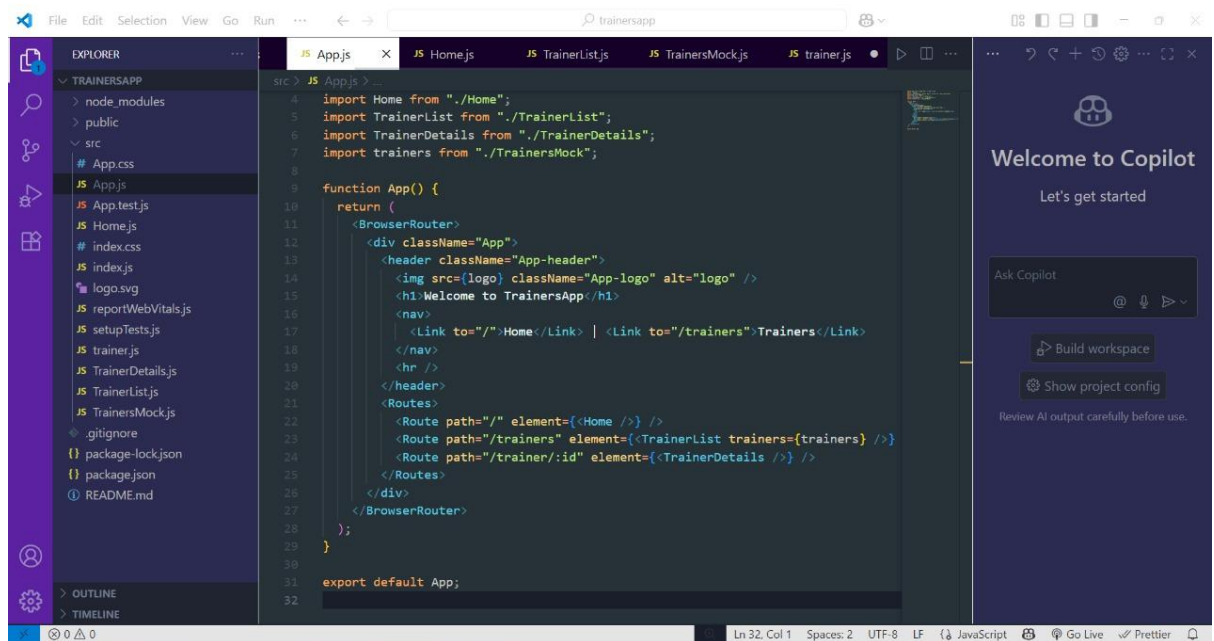
import TrainerDetails from "./TrainerDetails";

import trainers from "./TrainersMock";

function App() {
  return (
    <BrowserRouter>
      <div className="App">
        <header className="App-header">
          <img src={logo} className="App-logo" alt="logo" />
          <h1>Welcome to TrainersApp</h1>
          <nav>
            <Link to="/">Home</Link> | <Link to="/trainers">Trainers</Link>
          </nav>
          <hr />
        </header>
        <Routes>
          <Route path="/" element={<Home />} />
          <Route path="/trainers" element={<TrainerList trainers={trainers} />} />
          <Route path="/trainer/:id" element={<TrainerDetails />} />
        </Routes>
      </div>
    </BrowserRouter>
  );
}

export default App;

```



Home.js

// src/Home.js

```
const Home = () => {
```

```
  return (
```

```
    <div>
```

```
      <h1>Welcome to Trainers App</h1>
```

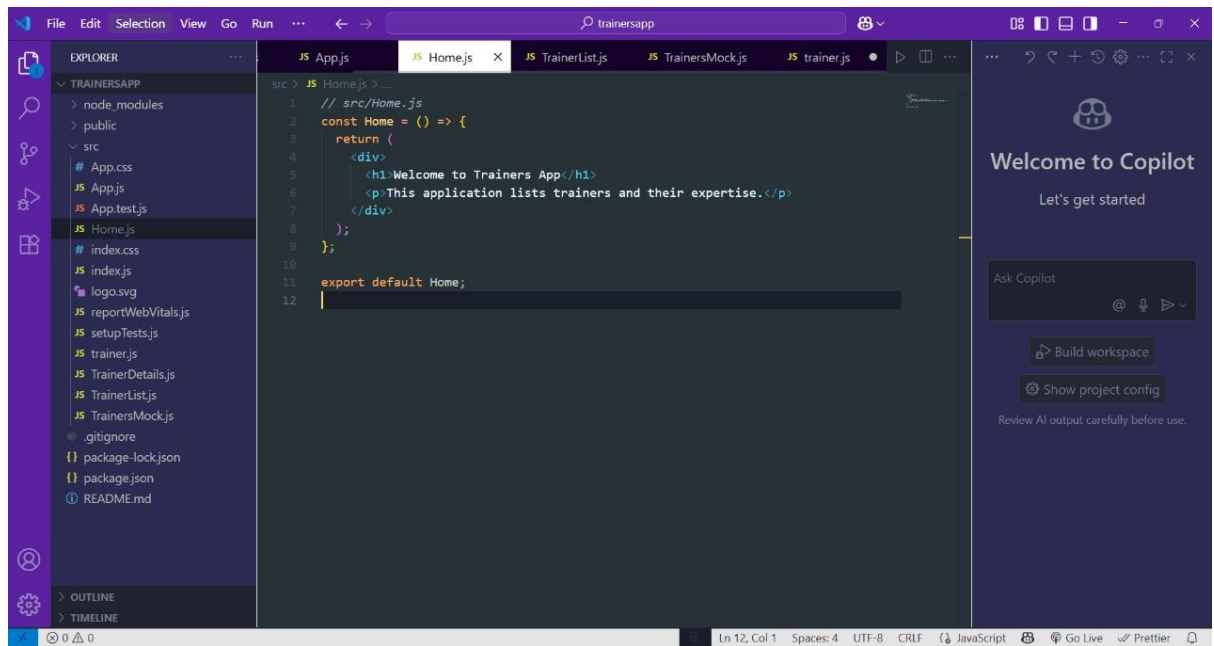
```
      <p>This application lists trainers and their expertise.</p>
```

```
    </div>
```

```
  );
```

```
};
```

```
export default Home;
```



TrainerList.js

```
// src/TrainerList.js
```

```
import { Link } from "react-router-dom";
```

```
const TrainerList = ({ trainers }) => {
```

```
  return (
```

```
    <div>
```

```
      <h2>Trainers List</h2>
```

```
      <ul>
```

```
        {trainers.map((trainer) => (
```

```
          <li key={trainer.trainerId}>
```

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

```
          </li>
```

```
        )
```

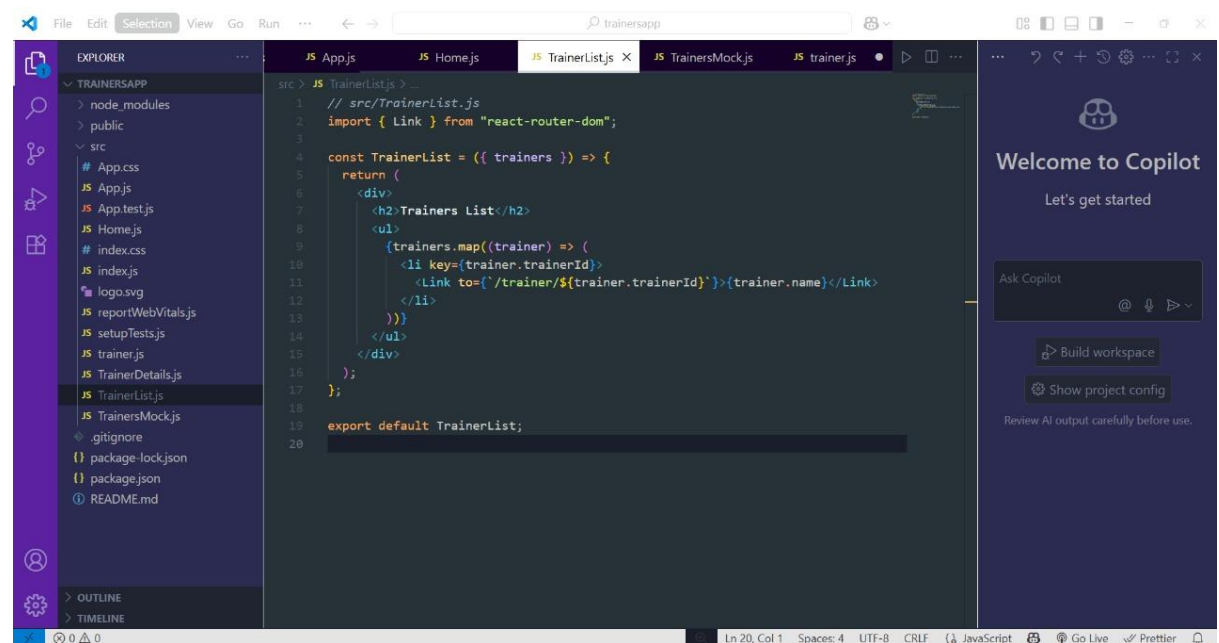
```
      </ul>
```

```

    </div>
  );
};

export default TrainerList;

```



TrainerMock.js

```

// src/TrainersMock.js

const trainers = [

  {
    trainerId: 1,
    name: "Alice Johnson",
    email: "alice.johnson@example.com",
    phone: "9876543210",

```

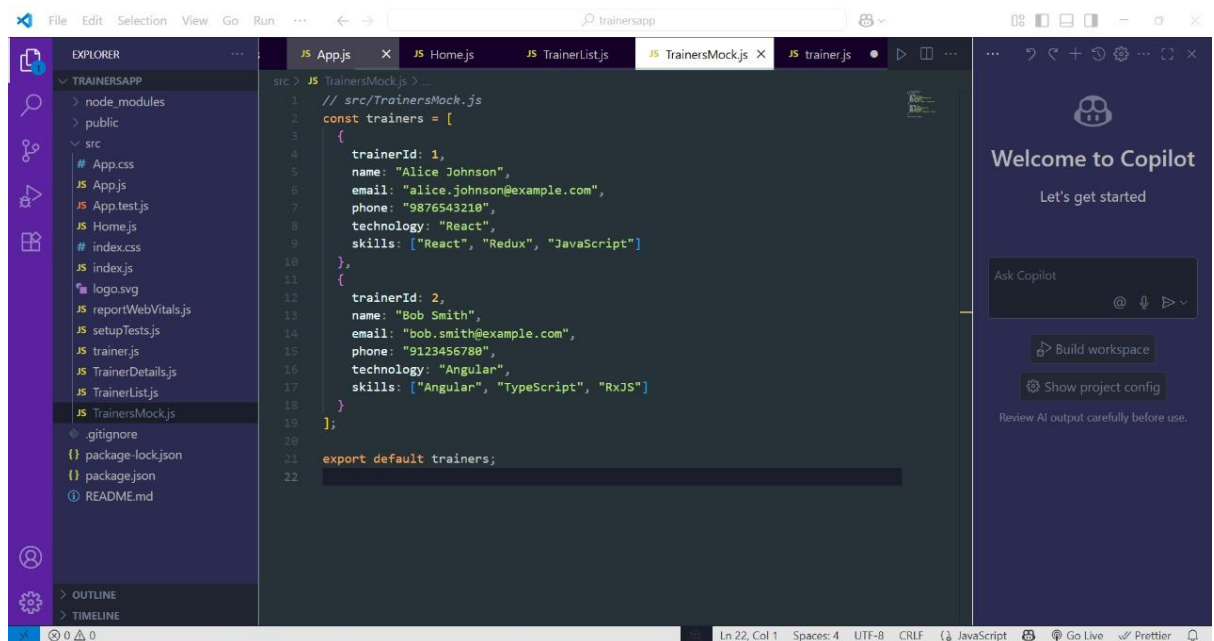
```

    technology: "React",

    skills: ["React", "Redux", "JavaScript"]
  },
{
  trainerId: 2,
  name: "Bob Smith",
  email: "bob.smith@example.com",
  phone: "9123456780",
  technology: "Angular",
  skills: ["Angular", "TypeScript", "RxJS"]
}
];

export default trainers;

```

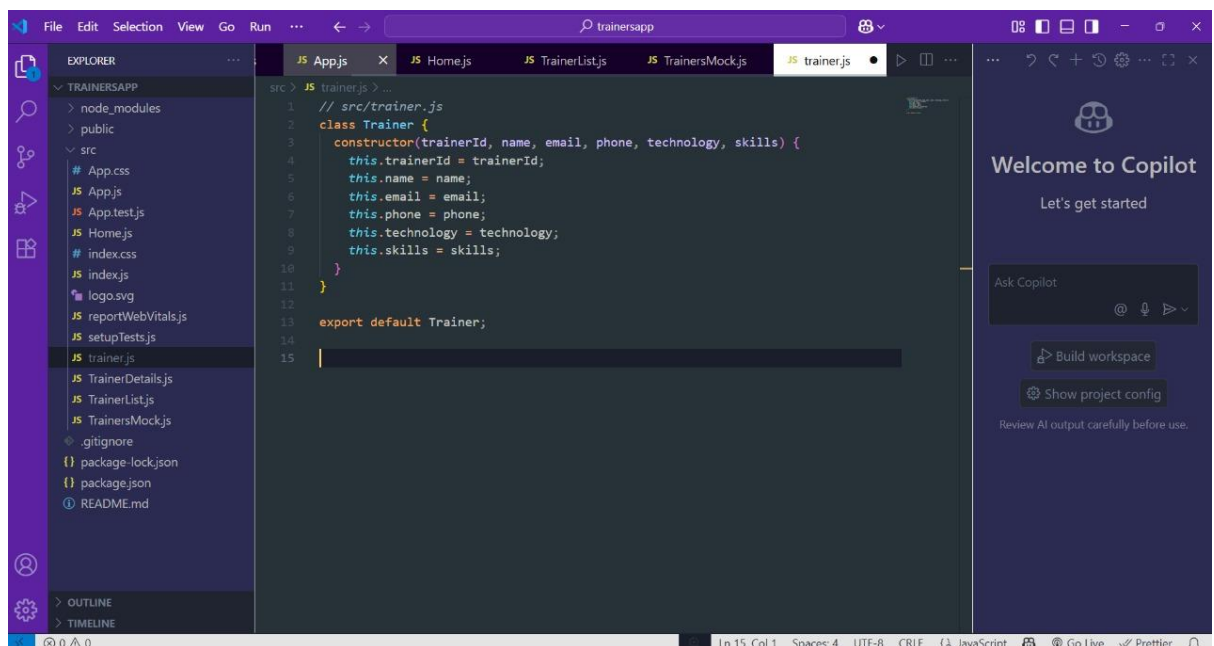


Trainer.js

```
// src/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

```
// src/TrainerDetails.js

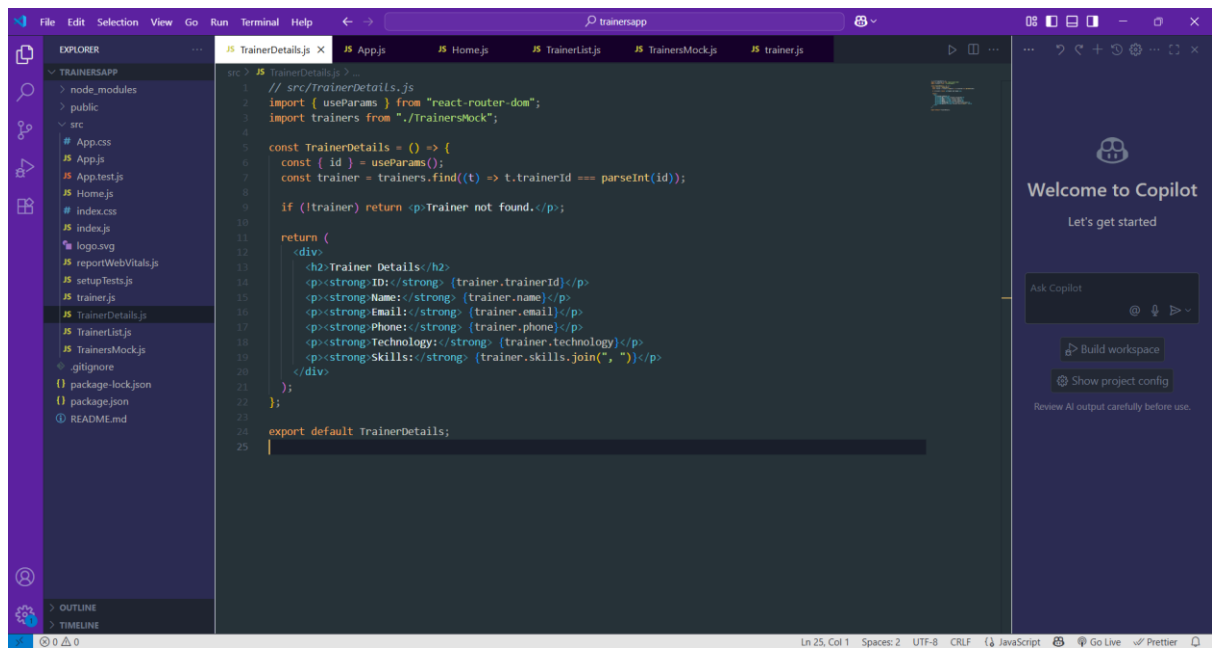
import { useParams } from "react-router-dom";
import trainers from "../TrainersMock";

const TrainerDetails = () => {
  const { id } = useParams();
  const trainer = trainers.find((t) => t.trainerId === parseInt(id));

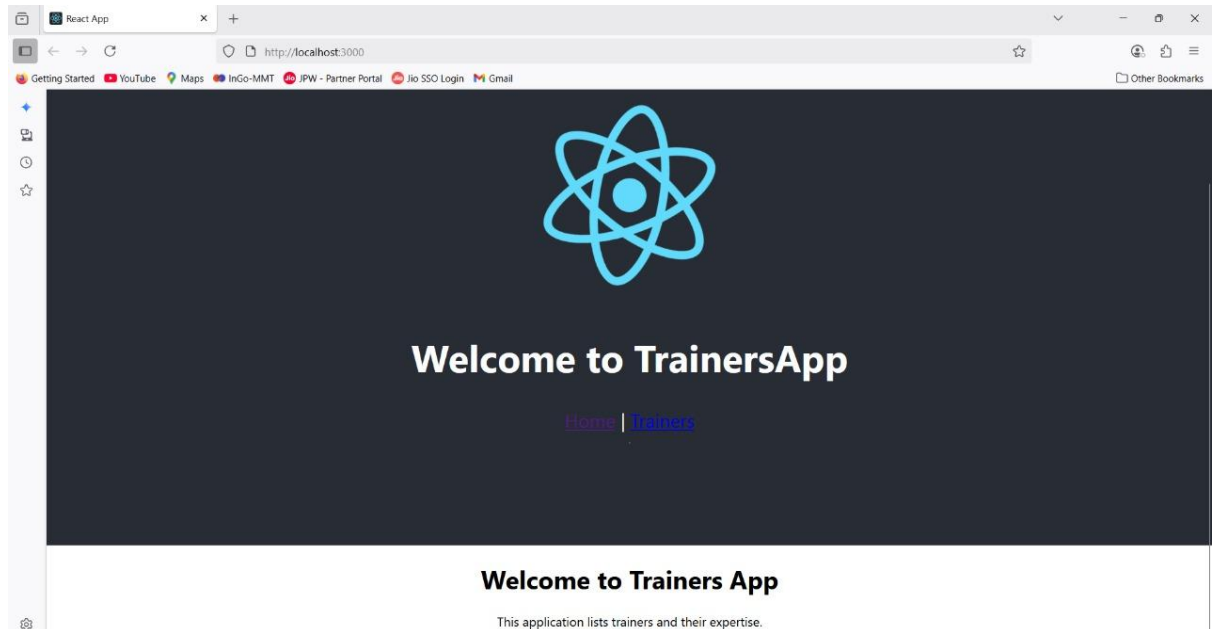
  if (!trainer) return <p>Trainer not found.</p>;

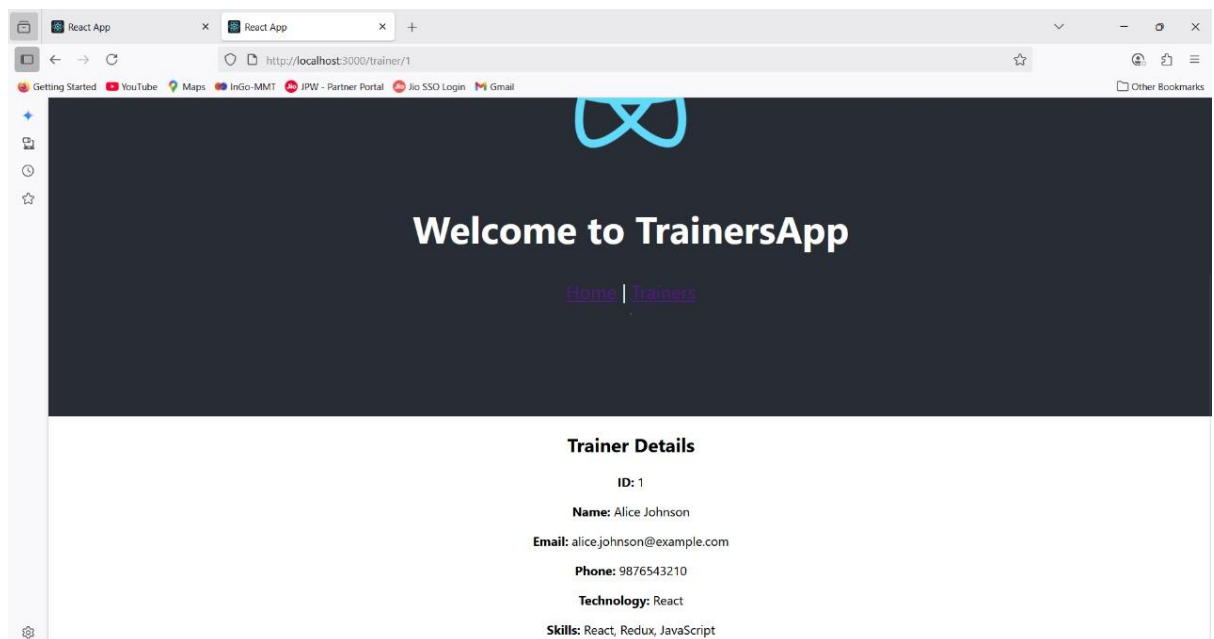
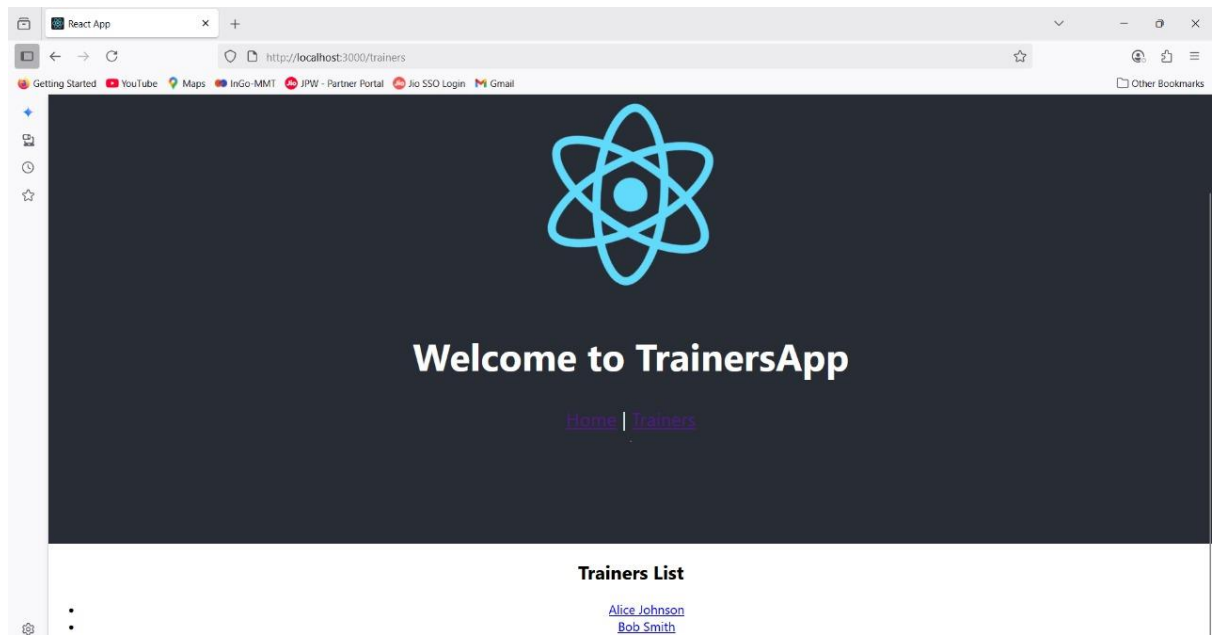
  return (
    <div>
      <h2>Trainer Details</h2>
      <p><strong>ID:</strong> {trainer.trainerId}</p>
      <p><strong>Name:</strong> {trainer.name}</p>
      <p><strong>Email:</strong> {trainer.email}</p>
      <p><strong>Phone:</strong> {trainer.phone}</p>
      <p><strong>Technology:</strong> {trainer.technology}</p>
      <p><strong>Skills:</strong> {trainer.skills.join(", ")}</p>
    </div>
  );
};

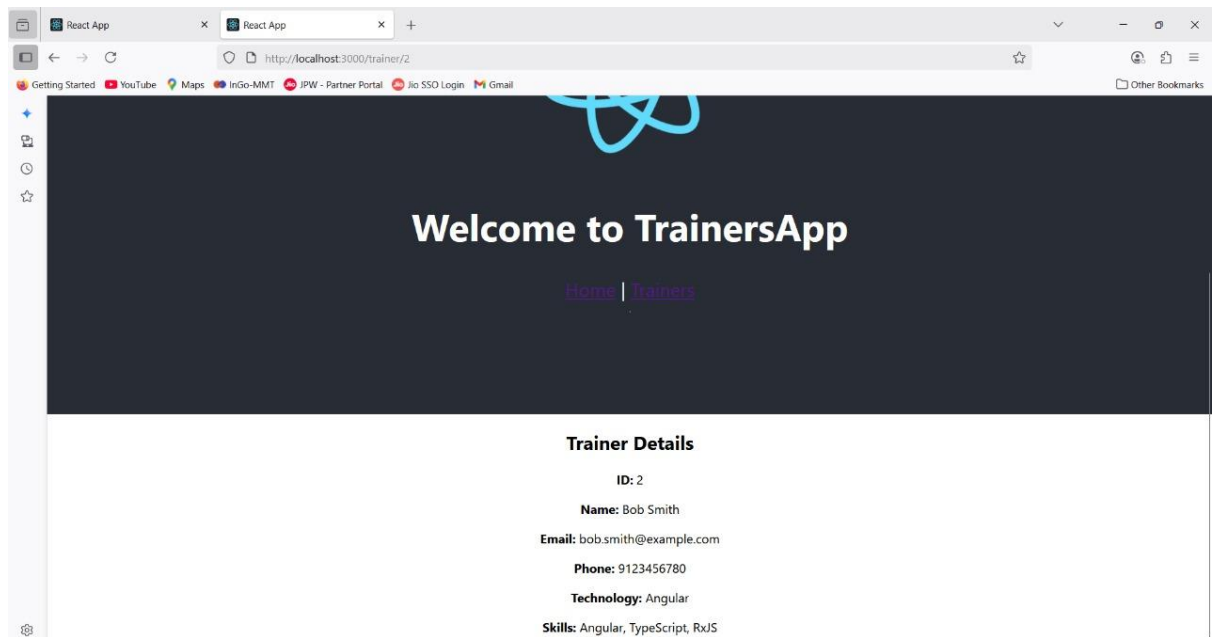
export default TrainerDetails;
```

OUTPUT







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