export default App;

5. Create React Application, which contains 4 Routes, Admission, Student, Login, and Contact. From that, any 2 Routes create 2 Form UI, which will contain validation display appropriate message to the user.

=>App.js

import React from "react";

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

import Admission from "./pages/Admission";

import Student from "./pages/Student";

import Login from "./pages/Login";

import Contact from "./pages/Contact";

function App() {

  return (

    <Router>

      <div style={{ padding: "20px" }}>

        <h2>Simple React Routing with Forms</h2>

        <nav>

          <Link to="/admission">Admission</Link> |{" "}

          <Link to="/student">Student</Link> |{" "}

          <Link to="/login">Login</Link> |{" "}

          <Link to="/contact">Contact</Link>

        </nav>

        <hr />

```
      <Routes>

        <Route path="/admission" element={<Admission />} />

        <Route path="/student" element={<Student />} />

        <Route path="/login" element={<Login />} />

        <Route path="/contact" element={<Contact />} />

      </Routes>

    </div>

  </Router>

 );

}

export default App;
```

=> src/pages/Admission.js

```
import React from "react";

function Admission() {

  return <h3>Welcome to Admission Page</h3>;

}

export default Admission;
```

=>src/pages/Student.js

```
import React from "react";

function Student() {

  return <h3>Welcome to Student Page</h3>;

}

export default Student;
```

=>src/pages/Login.js

```javascript
import React, { useState } from "react";

function Login() {
  const [email, setEmail] = useState("");
  const [pass, setPass] = useState("");
  const [msg, setMsg] = useState("");

  const handleSubmit = (e) => {
    e.preventDefault();

    if (!email || !pass) {
      setMsg("All fields are required!");
    } else if (!email.includes("@")) {
      setMsg("Invalid email format!");
    } else {
      setMsg("Login Successful!");
    }
  };

  return (
    <div>
      <h3>Login Form</h3>
      <form onSubmit={handleSubmit}>
        <input
```

```jsx
        type="text"

        placeholder="Email"

        value={email}

        onChange={(e) => setEmail(e.target.value)}

      /><br /><br />

      <input

        type="password"

        placeholder="Password"

        value={pass}

        onChange={(e) => setPass(e.target.value)}

      /><br /><br />

      <button type="submit">Login</button>

    </form>

    <p style={{ color: "red" }}>{msg}</p>

  </div>

  );

}

export default Login;
```

=>src/pages/Contact.js

```jsx
import React, { useState } from "react";

function Contact() {

  const [name, setName] = useState("");

  const [msg, setMsg] = useState("");


  const handleSubmit = (e) => {
```

```jsx
    e.preventDefault();

    if (!name.trim()) {
      setMsg("Name is required!");
    } else {
      setMsg("Thank you for contacting us, " + name + "!");
    }
  };

  return (
    <div>
      <h3>Contact Form</h3>
      <form onSubmit={handleSubmit}>
        <input
          type="text"
          placeholder="Your Name"
          value={name}
          onChange={(e) => setName(e.target.value)}
        /><br /><br />
        <button type="submit">Submit</button>
      </form>
      <p style={{ color: "green" }}>{msg}</p>
    </div>
  );
}
```

```
export default Contact;
```