**React Router Example**

1. **Index.js**

import React from "react";

import ReactDOM from "react-dom/client"

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

import Home from './pages/Home';

import Layout from './pages/Layout';

import Contact from './pages/Contact';

import Blogs from './pages/Blogs';

import Nopage from './pages/Nopage';

export default function App(){

  return (

    <BrowserRouter>

      <Routes>

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

          <Route index element={<Home />} />

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

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

          <Route path="\*" element={<Nopage />} />

       </Route>

      </Routes>

    </BrowserRouter>

  );

}

const root=ReactDOM.createRoot(document.getElementById('root'));

root.render(<App />);

1. **Layout.js**

import { Outlet, Link } from "react-router-dom";

const Layout= () =>{

    return(

        <>

            <nav>

                <ul>

                    <li><Link to="/">Home</Link></li>

                    <li><Link to="/Blogs">Blogs</Link></li>

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

                </ul>

            </nav>

        <Outlet />

        </>

    )

};

export default Layout;

1. **Home.js**

const Home=()=>{

    return <h1>Home</h1>;

};

export default Home;

1. **Blogs.js**

const Blogs=()=>{

    return <h1>Blog Articles</h1>;

};

export default Blogs;

1. **Contact.js**

const Contact=()=>{

    return <h1>Contact Us</h1>;

};

export default Contact;

1. **Nopage.js**

const Nopage=()=>{

    return <h1>Error 404</h1>;

};

export default Nopage;