**React Router Examples**

Index.js

import React from 'react';

import ReactDOM from 'react-dom/client';

import './index.css';

import App from './App';

import reportWebVitals from './reportWebVitals';

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

root.render(

<React.StrictMode>

<App />

</React.StrictMode>

);

// If you want to start measuring performance in your app, pass a function

// to log results (for example: reportWebVitals(console.log))

// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals

reportWebVitals();

App.js

import React from 'react';

import Navbar from './routerDom/Navbar';

import Home from './routerDom/Home';

import Login from './routerDom/Login';

import About from './routerDom/About';

import User from './routerDom/User';

import { createBrowserRouter,RouterProvider } from 'react-router-dom';

function App() {

const router=createBrowserRouter([

{

path:"/",

element:<><Navbar/><Home/></>

},

{

path:"/login",

element:<><Navbar/><Login/></>

},

{

path:"/about",

element:<><Navbar/><About/></>

},

{

path:"/user/:username",

element:<><Navbar/><User/></>

}

]);

return (

<div>

<RouterProvider router={router}/>

</div>

)

}

export default App

index.css

nav{

display:flex;

gap:34px;

background-color:black;

color:white;

}

li{

list-style: none;

}

a li {

color:white;

padding:23px;

}

\*{

padding:0;

margin: 0;

}

.red{

background-color: red;

color:white;

}

Navbar.js

import React from 'react'

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

function Navbar() {

return (

<div>

<nav>

<NavLink className={(e)=>{return e.isActive?"red":""}} to="/"><li>Home</li></NavLink>

<NavLink className={(e)=>{return e.isActive?"red":""}} to="/login"><li>Login</li></NavLink>

<NavLink className={(e)=>{return e.isActive?"red":""}} to="/about"><li>About

Us</li></NavLink>

</nav>

</div>

)

}

export default Navbar;

Home.js

import React from 'react'

function Home() {

return (

<div>

I am Home....

</div>

)

}

export default Home;

Login.js

import React from 'react'

function Login() {

return (

<div>

Login Here

</div>

)

}

export default Login;

About.js

import React from 'react'

function About() {

return (

<div>

About Us Here

</div>

)

}

export default About;

User.js

import React from 'react'

import { useParams } from 'react-router-dom'

function User() {

const params=useParams()

return (

<div>

Hello I am User {params.username}

</div>

)

}

export default User;