**MODULE: 12 React Router**

### Q. Create React app with modules and lazy loading (Admin-user module with child Router and outlet)

**Follow this steps for routing:**

1)install “npm install react-router-dom” in terminal.

2)import routing as like this

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

3)call the routes:

<BrowserRouter>

     <Routes>

          <Route></Route>

          <Route></Route>

     </Routes>

</BrowserRouter>

4)call the components in “element “then give a “path” of component as like that:

<BrowserRouter>

        <Routes>

          <Route path='/' element={<><Header /><Side/><Index/></>} ></Route>

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

        </Routes>

    </BrowserRouter>

Add router as your web components, give each component’s path but give only ‘ / ’ website’s first enterface

5) the last step of routing run the command ”npm start”.

# Lazy Loading…

1. Import Suspence & lazy from ‘react’
2. create variable on the name of component
3. create ‘Lazy()’ method and give component’s path in arrow function

const My Component= lazy(()=>import('./My Component'))

1. after ‘<BrowserRouter>’ give ‘<Suspence>’
2. give ‘fallback{}’ property into ‘<Suspence>’

<Suspense fallback={<span className="spinner-border spinner-border-sm display-1"></span>}>

1. in the last stp Rout the component as like that:

<BrowserRouter>

<Suspense fallback = {<span className="spinner-border spinner-border-sm"></span>}>

<Routes>

<Route path="/" element={<><My Component/></>} />

</Routes>

</Suspense>

</BrowserRouter>