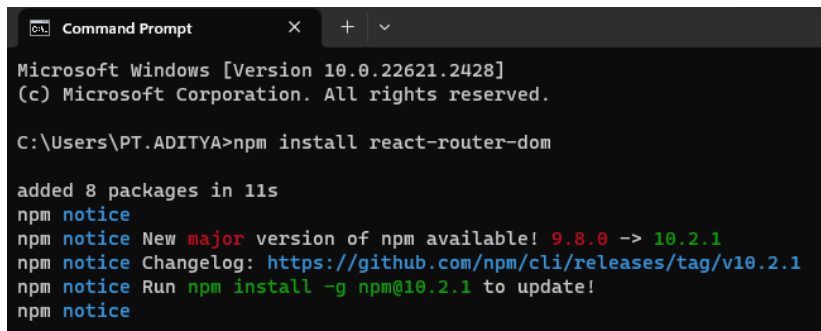


REACT ROUTER

- Pertama buka CMD lalu install ‘**react-router-dom**’ menggunakan npm

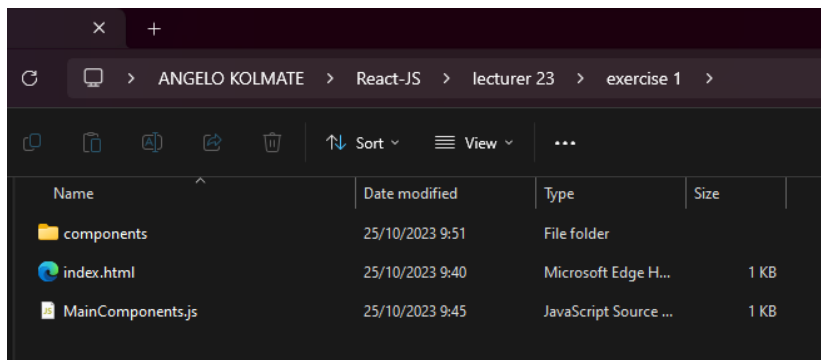


```
Microsoft Windows [Version 10.0.22621.2428]
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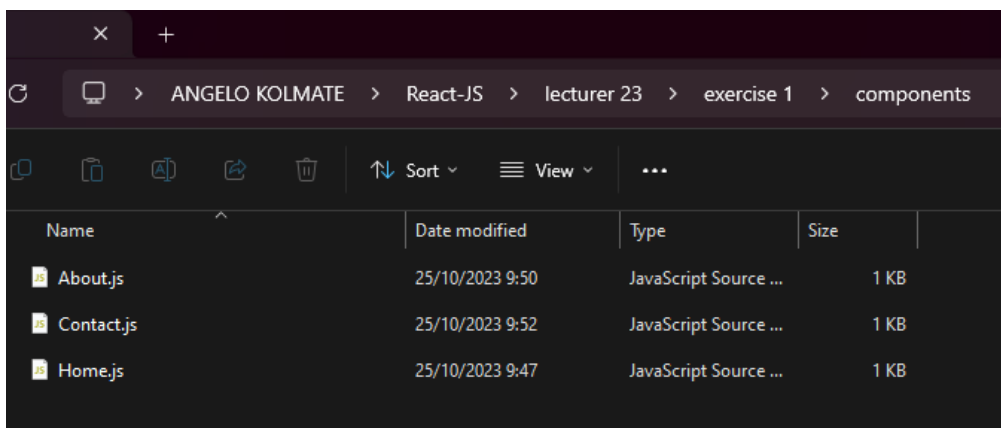
C:\Users\PT.ADITYA>npm install react-router-dom

added 8 packages in 11s
npm notice
npm notice New major version of npm available! 9.8.0 -> 10.2.1
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.2.1
npm notice Run npm install -g npm@10.2.1 to update!
npm notice
```

- Create Folder dengan nama “lecturer 23” dan create folder baru didalamnya “exercise 1”
- Didalam Folder tersebut kita akan membuat 2 code yaitu :
“index.html”,
”MainComponents.js”
- Lalu buat juga sebuah folder lain dengan nama “components”.



- Didalam Folder ‘components’ tersebut kita juga akan membuat 3 code yaitu : “About.js”,
”Contact.js”, “Home.js”.



- Code HTML

```
C:\Users\PT.ADITYA\React-JS\lecturer 23\exercise 1\index.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html x index.html x index.html x MainComponents.js x Home.js x About.js x Contact.js x
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>React Router with CDN Links</title>
5 <meta charset="utf-8">
6 <meta name="viewport" content="width=device-width < , initial-scale=1">
7 <script src='https://unpkg.com/react@16.3.1/umd/react.production.min.js'></script>
8 <script src='https://unpkg.com/react-dom@16.3.1/umd/react-dom.production.min.js'></script>
9 <script src='https://unpkg.com/react-router-dom@5.0.0/umd/react-router-dom.min.js'></script>
10 <script src='https://unpkg.com/babel-standalone@6.26.0/babel.js'></script>
11 <script src="./components/Home.js" type="text/babel"></script>
12 <script src="./components/About.js" type="text/babel"></script>
13 <script src="./components/Contact.js" type="text/babel"></script>
14 <script src="./MainComponents.js" type="text/babel"></script>
15 </head>
16 <body>
17 <div id="app"></div>
18 </body>
19 </html>
```

- Code JS (mengcreate Main Class)

```
C:\Users\PT.ADITYA\React-JS\lecturer 23\exercise 1\MainComponents.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html x index.html x index.html x MainComponents.js x Home.js x About.js x Contact.js x
1 const Link = ReactRouterDOM.Link;
2 const Route = ReactRouterDOM.Route;
3 // create main class
4 class App extends React.Component {
5   constructor() {
6     super();
7   }
8   render () {
9     return (
10       <ReactRouterDOM.HashRouter>
11         <div className="App">
12           <ul className="App-header">
13             <li> <Link to="/">Home</Link> </li>
14             <li> <Link to="/about">About Us</Link> </li>
15             <li> <Link to="/contact">Contact Us</Link> </li>
16           </ul>
17           <Route path="/" exact component={Home} />
18           <Route path="/about" component={About} />
19           <Route path="/contact" component={Contact} />
20         </div>
21       </ReactRouterDOM.HashRouter>
22     );
23   }
24 }
25
26 // render komponen ke RealDOM
27 ReactDOM.render(<App />, document.getElementById("app"));
```

- Home Page (menampilkan Default page)

```
C:\Users\PT.ADITYA\React-JS\lecturer 23\exercise 1\components\Home.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html x index.html x index.html x MainComponents.js x Home.js x About.js x Contact.js x
1 function Home () {
2   return (
3     <div>
4       <h1>Welcome to the Class Front End !!!</h1>
5       <h3>How are you today?</h3>
6     </div>
7   );
8 }
```

- About Page

```
C:\Users\PT.ADITYA\React-JS\lecturer 23\exercise 1\components\About.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html x index.html x index.html x MainComponents.js x Home.js x About.js x Contact.js x
1 // about page
2 function About () {
3   return(
4     <div>
5       <h2>Front-end web development is the development of the graphical
6       user interface of a website, through the use of HTML, CSS, and
7       JavaScript, so that users can view and interact with that website
8       . </h2>
9
10      Read more the article :
11      <a href=
12      "https://frontendmasters.com/guides/front-end-handbook/2019/">
13      https://frontendmasters.com/guides/front-end-handbook/2019/
14
15      </a>
16
17    </div>
18  );
19 }
```

- Contact Page

```
C:\Users\PT.ADITYA\React-JS\lecturer 23\exercise 1\components\Contact.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html x index.html x index.html x MainComponents.js x Home.js x About.js x Contact.js x
1 // contact page
2 function Contact () {
3   return (
4     <address>
5       You can find me here:<br />
6       Universitas Klabat<br />
7       Jl. Arnold Mononutu, Airmadidi Bawah, Kec. Airmadidi, <br />
8       Kabupaten Minahasa Utara, Sulawesi Utara 95371
9     </address>
10  );
11 }
```

- Jalankan di CMD live-server

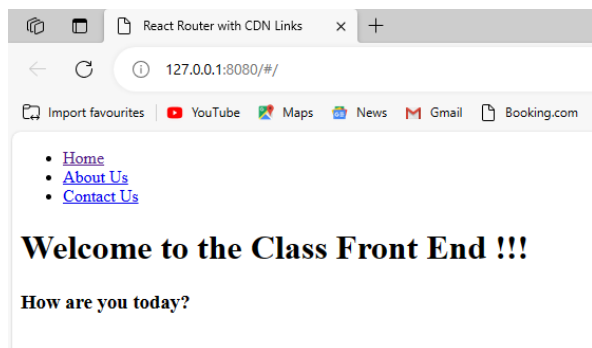
```
C:\WINDOWS\system32\cmd. X + v

Microsoft Windows [Version 10.0.22621.2428]
(c) Microsoft Corporation. All rights reserved.

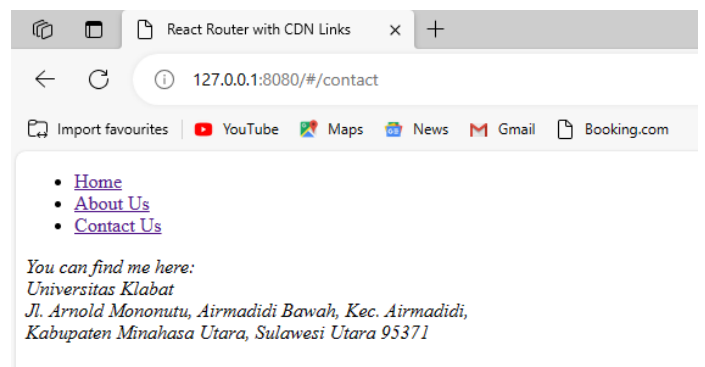
C:\Users\PT.ADITYA\React-JS\lecturer 23\exercise 1>live-server
Serving "C:\Users\PT.ADITYA\React-JS\lecturer 23\exercise 1" at http://127.0.0.1:8080
Ready for changes
GET /favicon.ico 404 3.696 ms - 150
GET /favicon.ico 404 1.205 ms - 150
```

EXPECTED OUTPUT

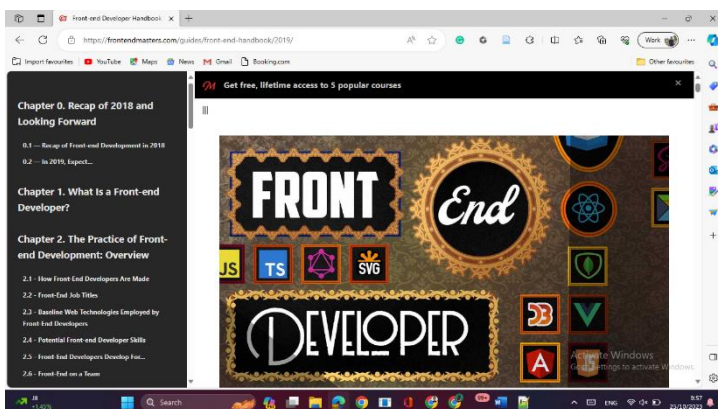
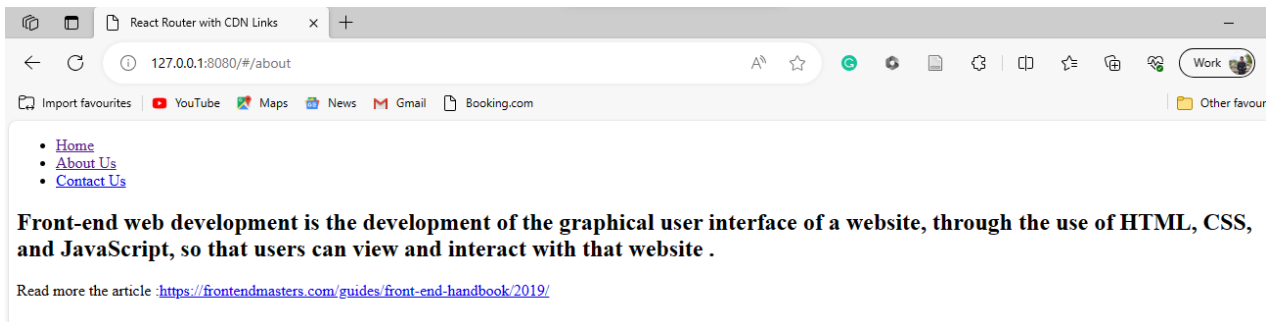
- Home page



- Contact page



- About page



Tampilan dari link yang diberikan di "about page"