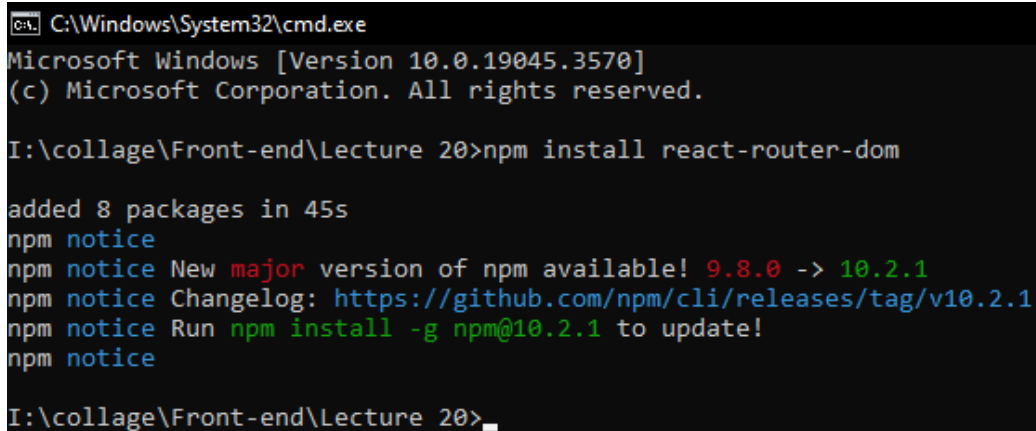


Sugiharto, Amelia. C

Front-End Web Development – B

Lecture 20 – React Router

**Langkah 1:** Pergi ke cmd pada folder yang baru di buat, lalu tulis **npm install react-router-dom** dan enter.



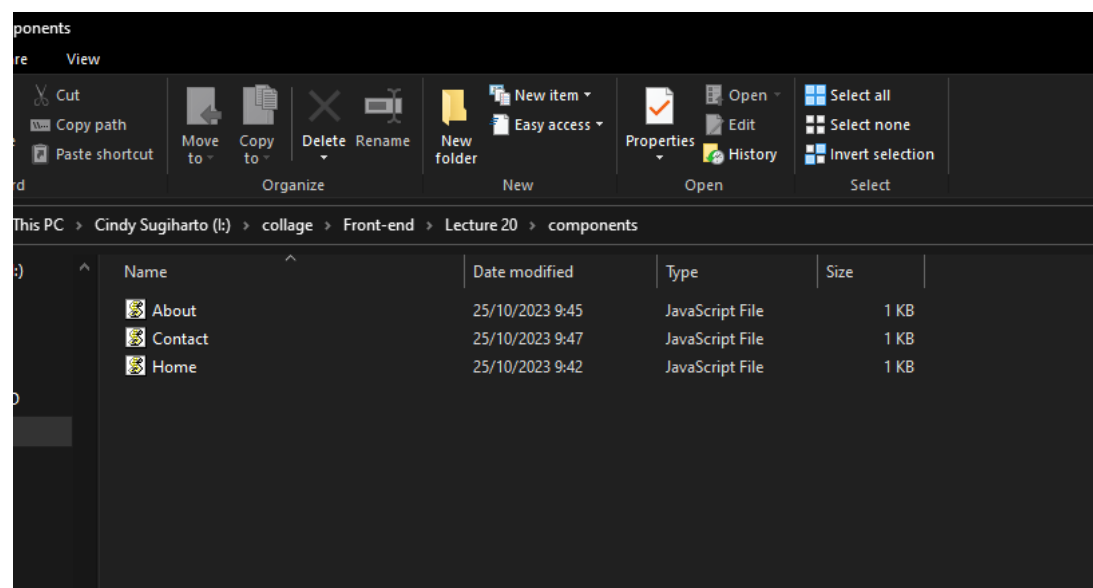
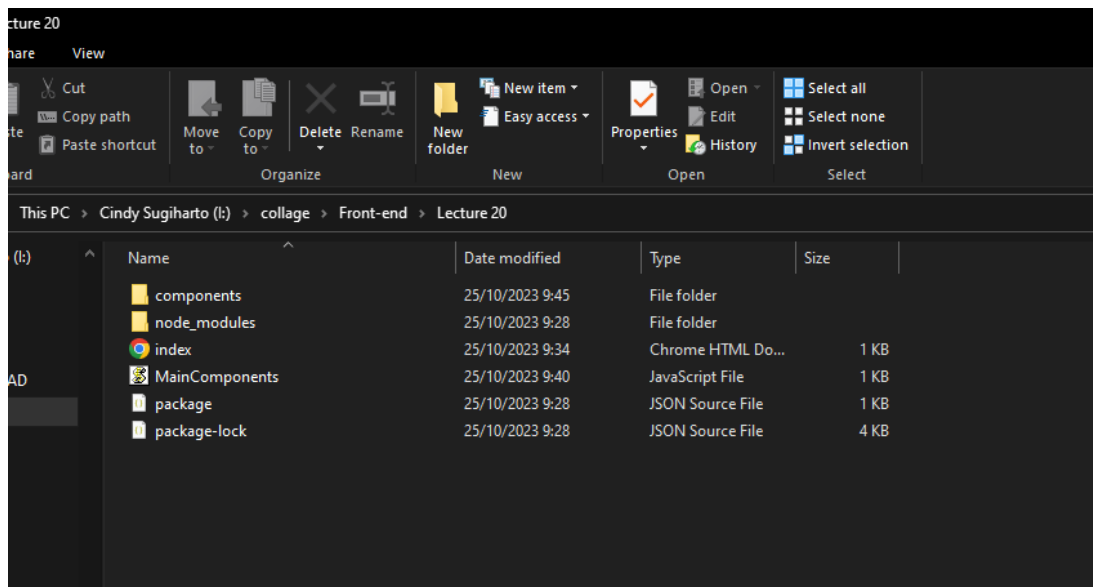
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.3570]
(c) Microsoft Corporation. All rights reserved.

I:\collage\Front-end\Lecture 20>npm install react-router-dom

added 8 packages in 45s
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

I:\collage\Front-end\Lecture 20>_
```

**Langkah 2:** Kemudian buat folder “components” yang akan berisikan 3 file. Di luar akan terdapat 2 file yaitu index.html dan MainComponents.js



### Langkah 3: Buat file pada notepad++ dan masukkan code nya kemudian save

```
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>
```

```
1 const Link = ReactRouterDOM.Link;
2 const Route = ReactRouterDOM.Route;
3
4 class App extends React.Component {
5   constructor() {
6     super();
7   }
8
9   render() {
10    return (
11      <ReactRouterDOM.HashRouter>
12        <div className="App">
13          <ul className="App-header">
14            <li><Link to="/">Home</Link> </li>
15            <li><Link to="/about">About Us</Link> </li>
16            <li><Link to="/contact">Contact Us</Link> </li>
17          </ul>
18
19          <Route path="/" exact component={Home} />
20          <Route path="/about" component={About} />
21          <Route path="/contact" component={Contact} />
22        </div>
23      </ReactRouterDOM.HashRouter>
24    );
25  }
26 }
27
28 ReactDOM.render(<App />, document.getElementById("app"));
```

```
I:\collage\Front-end\Lecture 20\components\Home.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html MainComponents.js Home.js About.js Contact.js
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 }
```

```
I:\collage\Front-end\Lecture 20\components\About.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html MainComponents.js Home.js About.js Contact.js
1 function About() {
2   return(
3     <div>
4       <h2>Front-end web development is the development of the graphical
5       user interface of a website, through the use of HTML, CSS, and
6       JavaScript, so that users can view and interact with that website.
7     </h2>
8
9     Read more the article :
10    <a href=
11      "https://frontendmasters.com/guides/front-end-handbook/2019/">
12      https://frontendmasters.com/guides/front-end-handbook/2019/
13    </a>
14    </div>
15  );
16 }
```

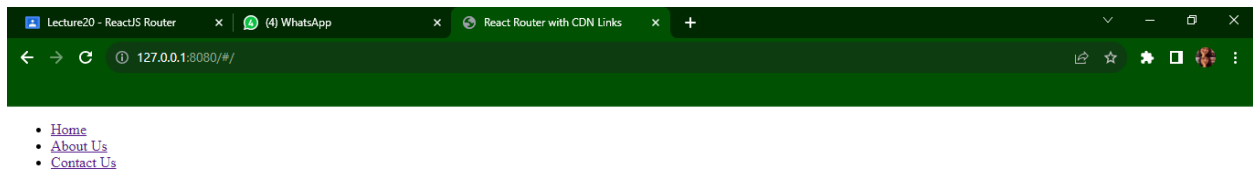
```
I:\collage\Front-end\Lecture 20\components>Contact.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html MainComponents.js Home.js About.js Contact.js
1 function Contact() {
2   return(
3     <address>
4       You can find me here:<br />
5       Universitas Klabat<br />
6       Jl. Arnold Mononutu, Airmadidi Bawah, Kec. Airmadidi, <br />
7       Kabupaten Minahasa Utara, Sulawesi Utara 95371
8     </address>
9   );
10 }
```

**Langkah 4:** Kemudian jalankan cmd pada folder yang berisikan file di atas dan tulis **live-server** lalu enter

```
C:\WINDOWS\system32\cmd.exe - "node" "C:\Users\HP PC\AppData\Roaming\npm\node_modules\live-server\live-server.js"
Microsoft Windows [Version 10.0.19045.3570]
(c) Microsoft Corporation. All rights reserved.

I:\collage\Front-end\Lecture 20>live-server
Serving "I:\collage\Front-end\Lecture 20" at http://127.0.0.1:8080
Ready for changes
GET /favicon.ico 404 20.690 ms - 150
GET /favicon.ico 404 9.840 ms - 150
```

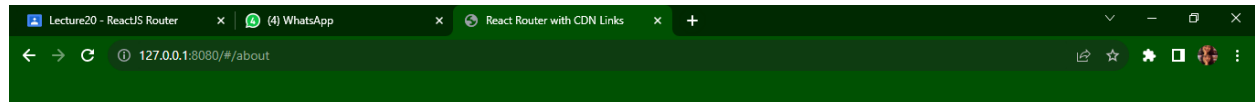
**Output:**



**Welcome to the Class Front End !!!**

How are you today?

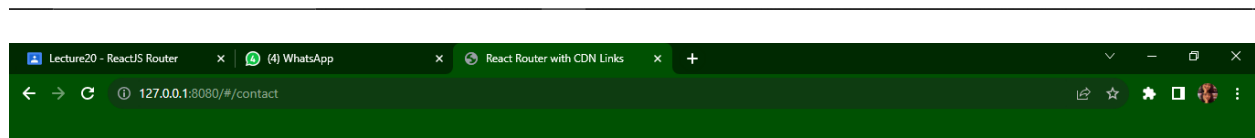




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**Front-end web development is the development of the graphical user interface of a website, through the use of HTML, CSS, and JavaScript, so that users can view and interact with that website.**

Read more the article :<https://frontendmasters.com/guides/front-end-handbook/2019/>



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- [Contact Us](#)

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Kabupaten Minahasa Utara, Sulawesi Utara 95371*

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