

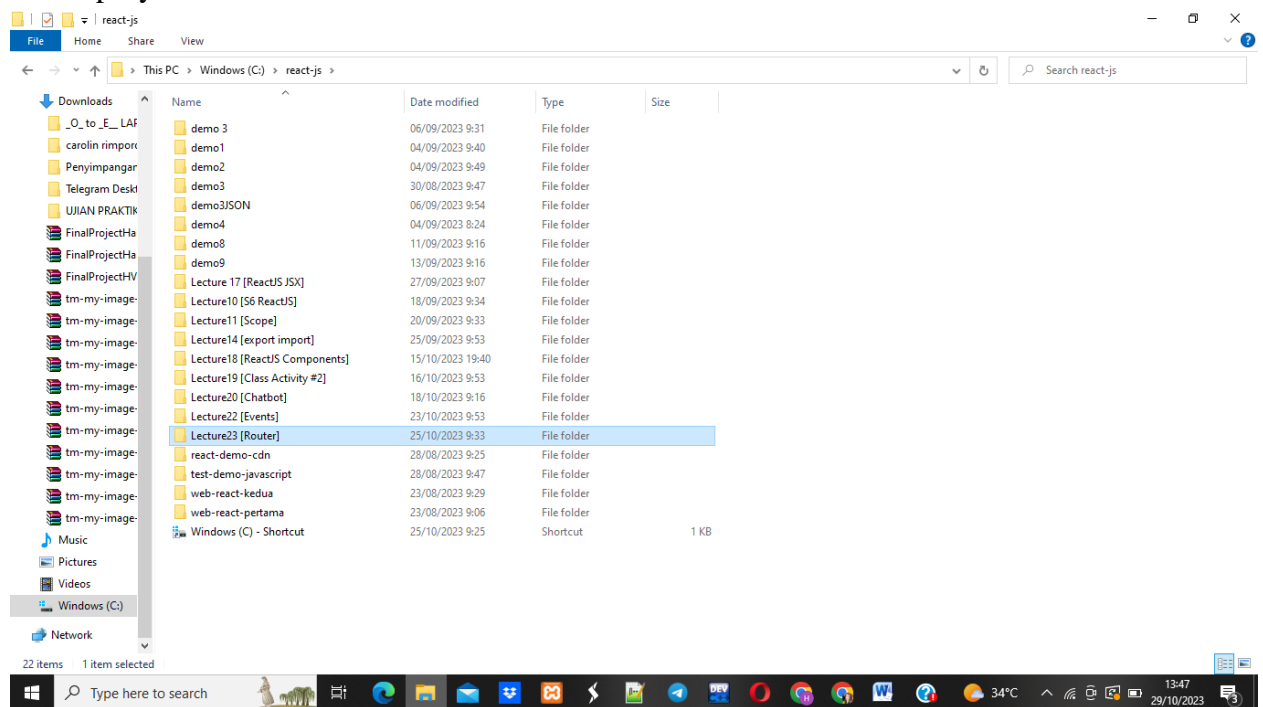
Nama : Rantelinggi, Hana Victoria

Front-End Web Development – B

Exercise [React Router]

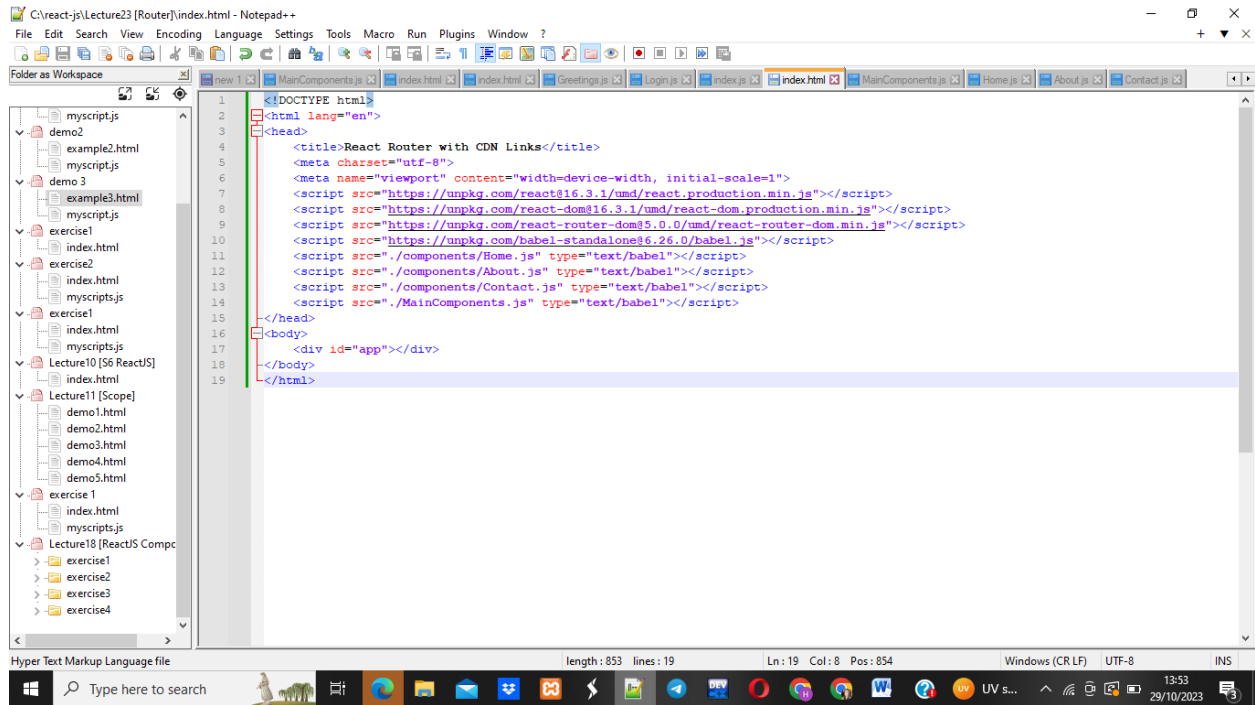
- Langkah-langkah menggunakan ReactJS Router

Pertama, buat folder baru menggunakan nama folder **“Lecture 23 [Router]”** di directory utama proyek.



Ada 4 file yang akan dibuat yaitu components yang didalamnya berisi **“About.js”**, **“Home.js”** dan **“Contact.js”**. Lalu ada file **“index.html”** dan **“MainComponents.js”**

Kita buat yang pertama **“index.html”**. Kita ketik coding HTML. Berikut kode HTML:

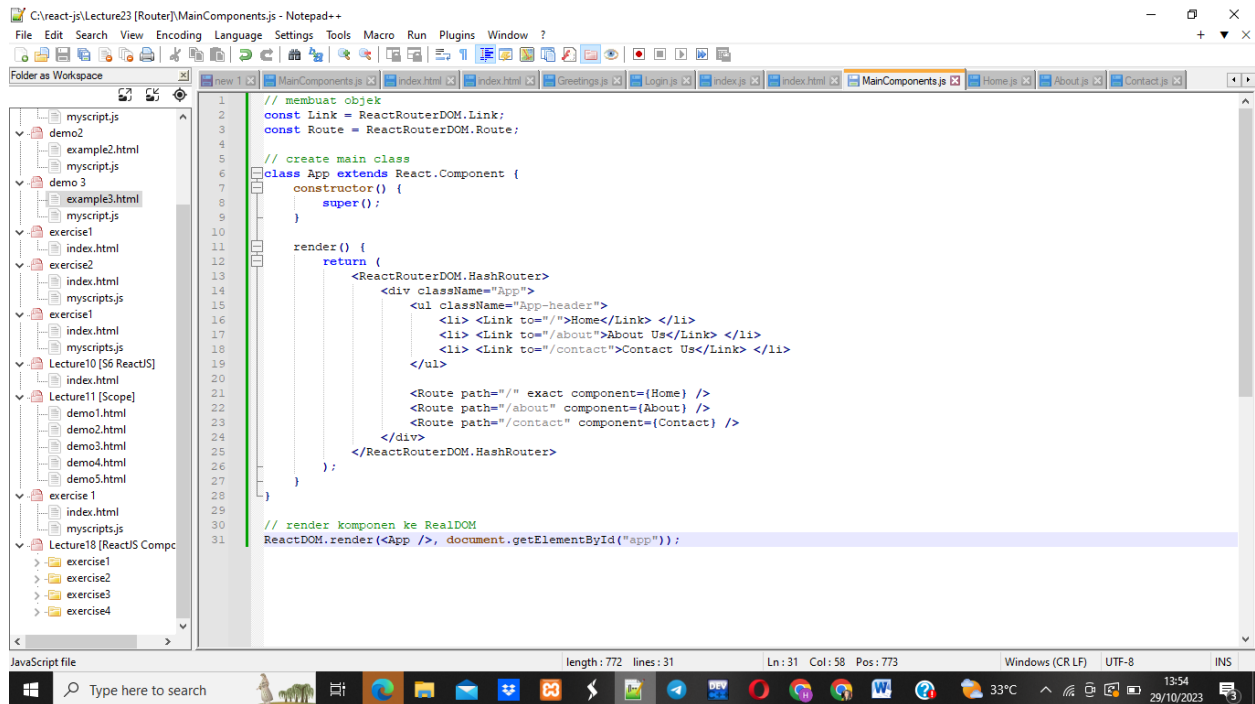


C:\react-js\Lecture23 [Router]\index.html - Notepad++

```
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>
```

Hyper Text Markup Language file length: 853 lines: 19 Ln: 19 Col: 8 Pos: 854 Windows (CR LF) UTF-8 INS

Kemudian, kita buat “MainComponents.js”. Kita ketik kode JavaScript. Berikut kode JS:

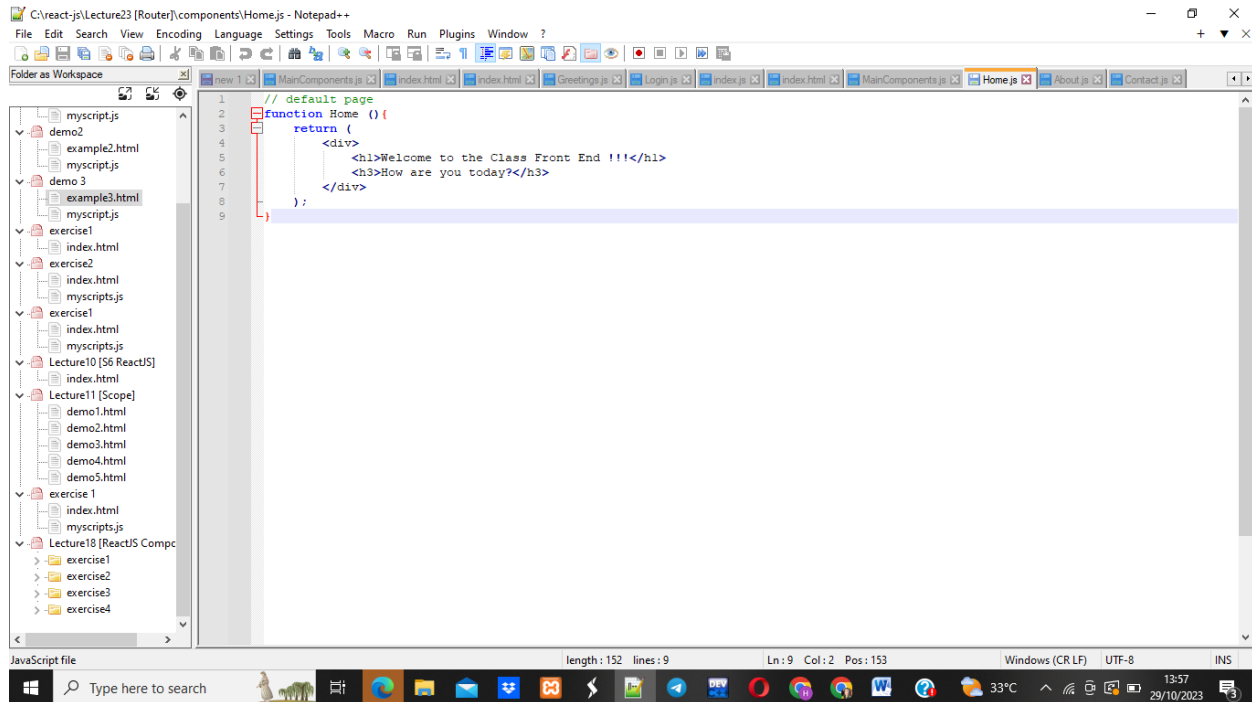


C:\react-js\Lecture23 [Router]\MainComponents.js - Notepad++

```
1 // membuat objek
2 const Link = ReactRouterDOM.Link;
3 const Route = ReactRouterDOM.Route;
4
5 // create main class
6 class App extends React.Component {
7   constructor() {
8     super();
9   }
10
11   render() {
12     return (
13       <ReactRouterDOM.HashRouter>
14         <div className="App">
15           <ul className="App-header">
16             <li><Link to="/">Home</Link> </li>
17             <li><Link to="/about">About Us</Link> </li>
18             <li><Link to="/contact">Contact Us</Link> </li>
19           </ul>
20
21           <Route path="/" exact component=(Home) />
22           <Route path="/about" component=(About) />
23           <Route path="/contact" component=(Contact) />
24         </div>
25       </ReactRouterDOM.HashRouter>
26     );
27   }
28 }
29
30 // render komponen ke ReactDOM
31 ReactDOM.render(<App />, document.getElementById("app"));
```

JavaScript file length: 772 lines: 31 Ln: 31 Col: 58 Pos: 773 Windows (CR LF) UTF-8 INS

Lalu, kita buat 3 page di dalam file **components**. Pertama kita buat **“Home”** dalam JavaScript. Kita ketik kode JS. Berikut kode **“Home.js”**:

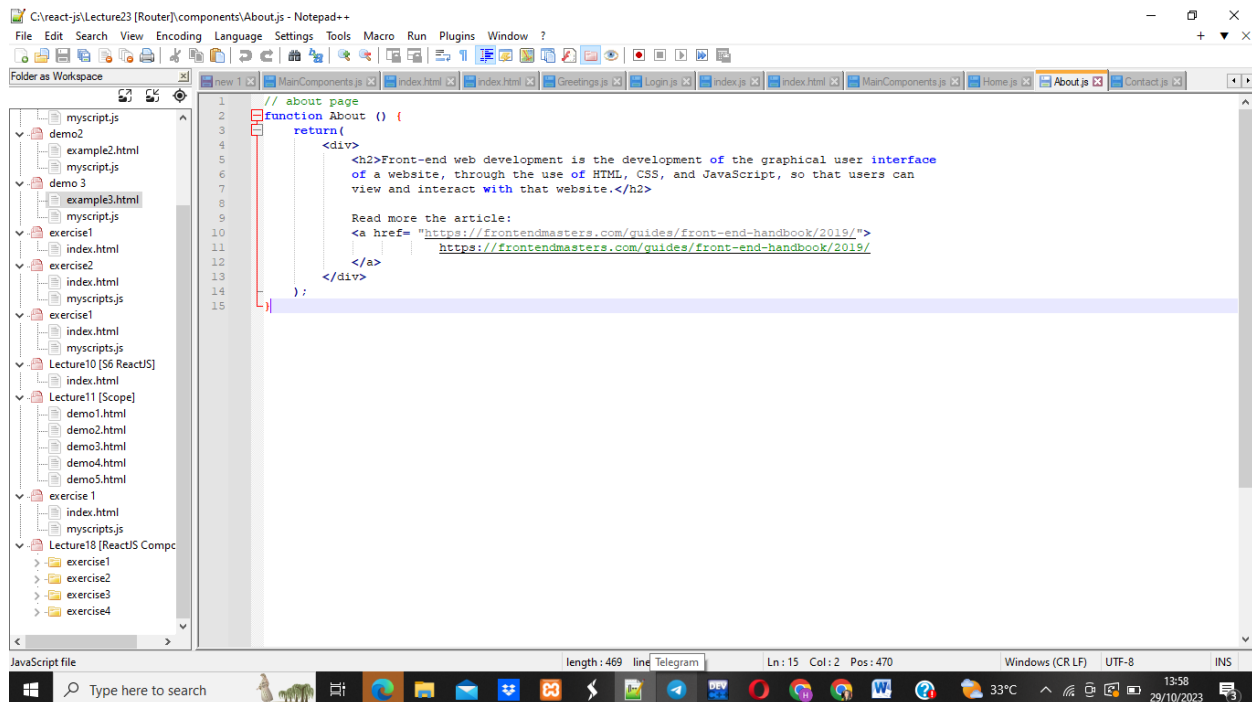


The screenshot shows a Notepad++ window with the file path `C:\react-js\Lecture23 [Router]\components\Home.js`. The editor displays the following JavaScript code:

```
1 // default page
2 function Home () {
3   return (
4     <div>
5       <h1>Welcome to the Class Front End !!!</h1>
6       <h3>How are you today?</h3>
7     </div>
8   );
9 }
```

The status bar at the bottom indicates the file is a JavaScript file, with a length of 152, 9 lines, and the cursor is at line 9, column 2, position 153. The encoding is Windows (CR LF), UTF-8, and the line ending is INS.

Selanjutnya, kita buat **“About”** dalam JavaScript. Kita ketik kode JS. Berikut kode **“About.js”**:

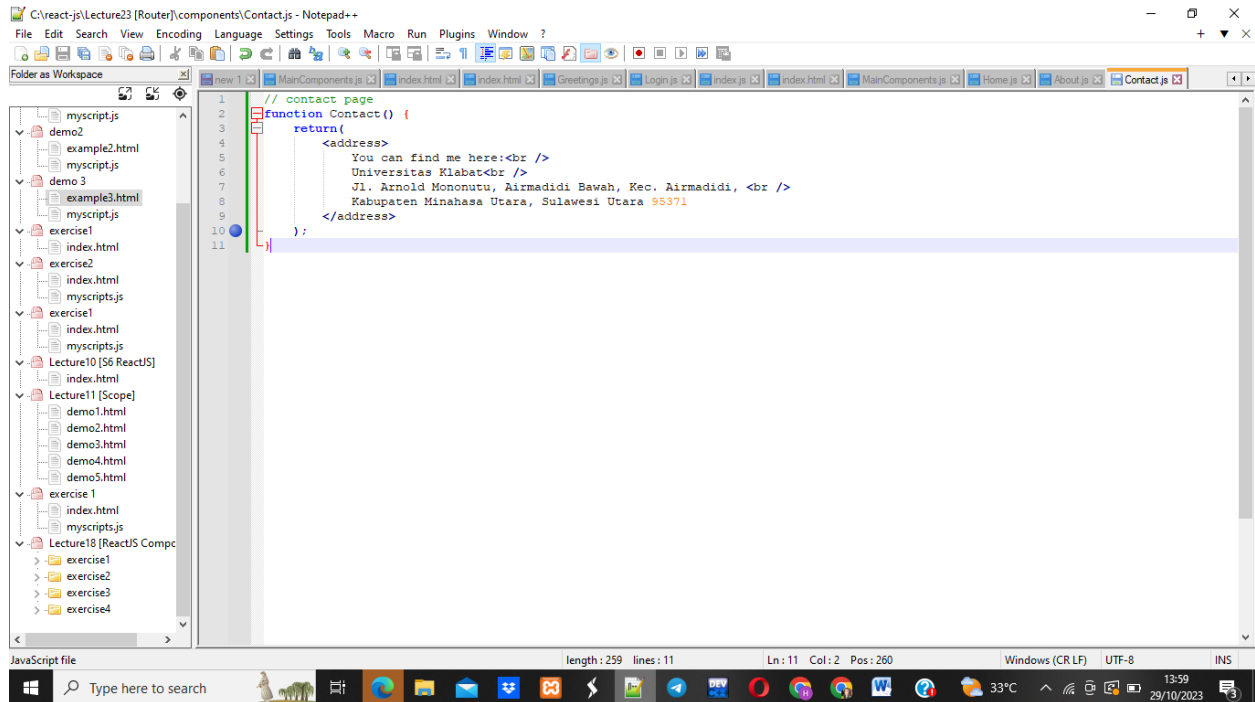


The screenshot shows a Notepad++ window with the file path `C:\react-js\Lecture23 [Router]\components\About.js`. The editor displays the following JavaScript code:

```
1 // about page
2 function About () {
3   return(
4     <div>
5       <h2>Front-end web development is the development of the graphical user interface
6       of a website, through the use of HTML, CSS, and JavaScript, so that users can
7       view and interact with that website.</h2>
8
9       Read more the article:
10      <a href= "https://frontendmasters.com/guides/front-end-handbook/2019/">
11        https://frontendmasters.com/guides/front-end-handbook/2019/
12      </a>
13    </div>
14  );
15 }
```

The status bar at the bottom indicates the file is a JavaScript file, with a length of 469, 15 lines, and the cursor is at line 15, column 2, position 470. The encoding is Windows (CR LF), UTF-8, and the line ending is INS.

Dan terakhir kita buat **“Contact”** dalam JavaScript. Kita ketik kode JS. Berikut kode **“Contact.js”**:

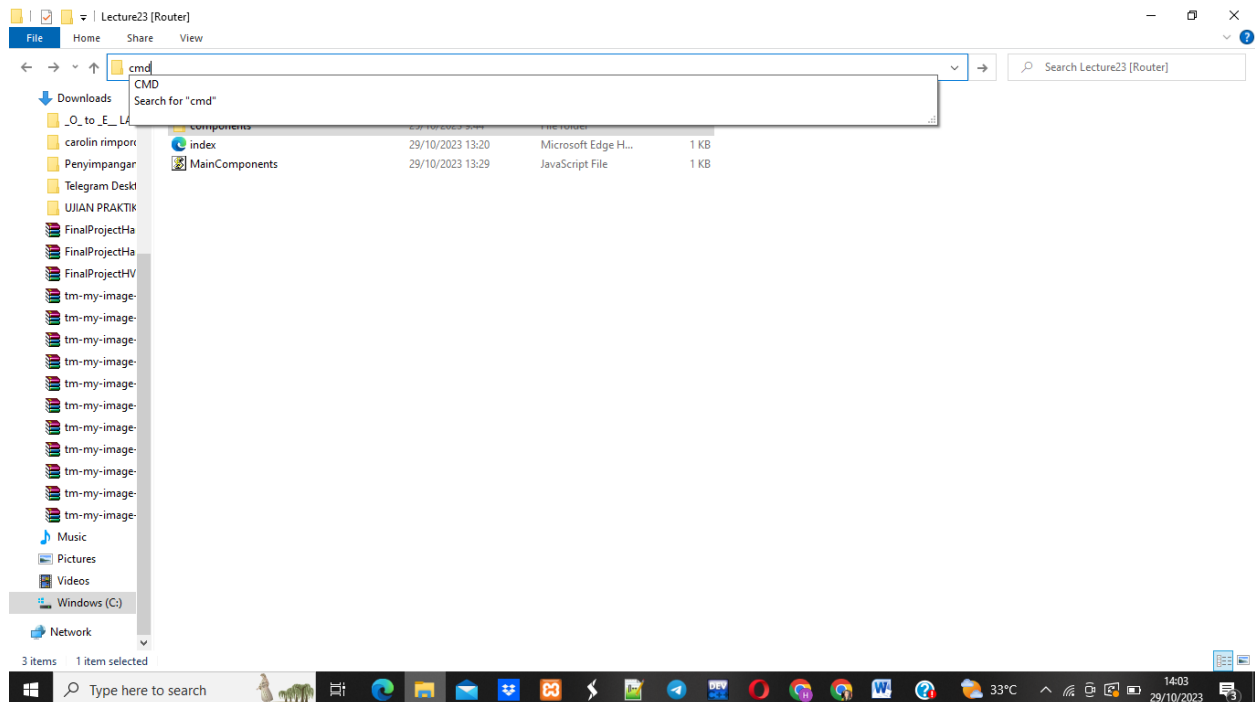


The screenshot shows a Notepad++ window titled "C:\react-js\Lecture23 [Router]\components\Contact.js - Notepad++". The editor displays the following JavaScript code:

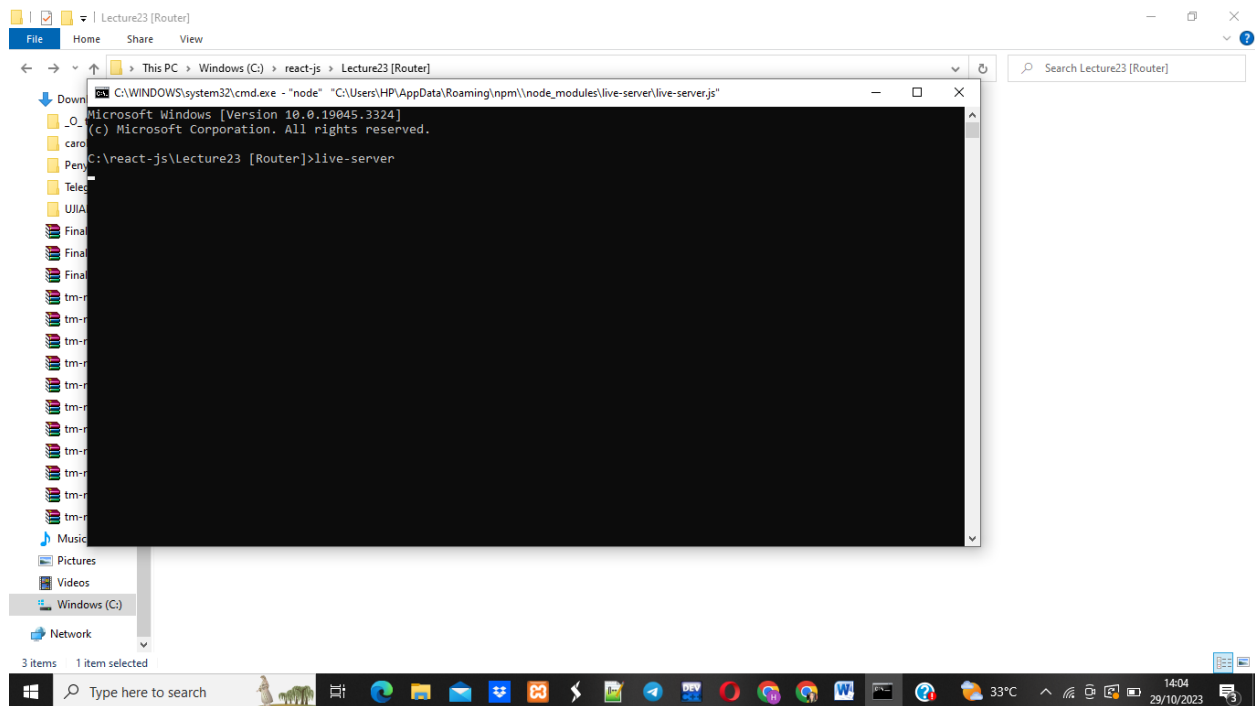
```
1 // contact page
2
3 function Contact() {
4   return(
5     <address>
6       You can find me here:<br />
7       Universitas Klabat<br />
8       Jl. Arnold Mononutu, Airmadidi Bawah, Kec. Airmadidi, <br />
9       Kabupaten Minahasa Utara, Sulawesi Utara 95371
10    </address>
11  );
12 }
```

The file explorer on the left shows a project structure with folders like "demo2", "demo3", "exercise1", "exercise2", "Lecture10 [S6 ReactJS]", "Lecture11 [Scope]", "Lecture18 [ReactJS Comp]", and "exercise 1". The status bar at the bottom indicates "JavaScript file", "length: 259 lines: 11", "Ln: 11 Col: 2 Pos: 260", "Windows (CR LF)", "UTF-8", and "INS".

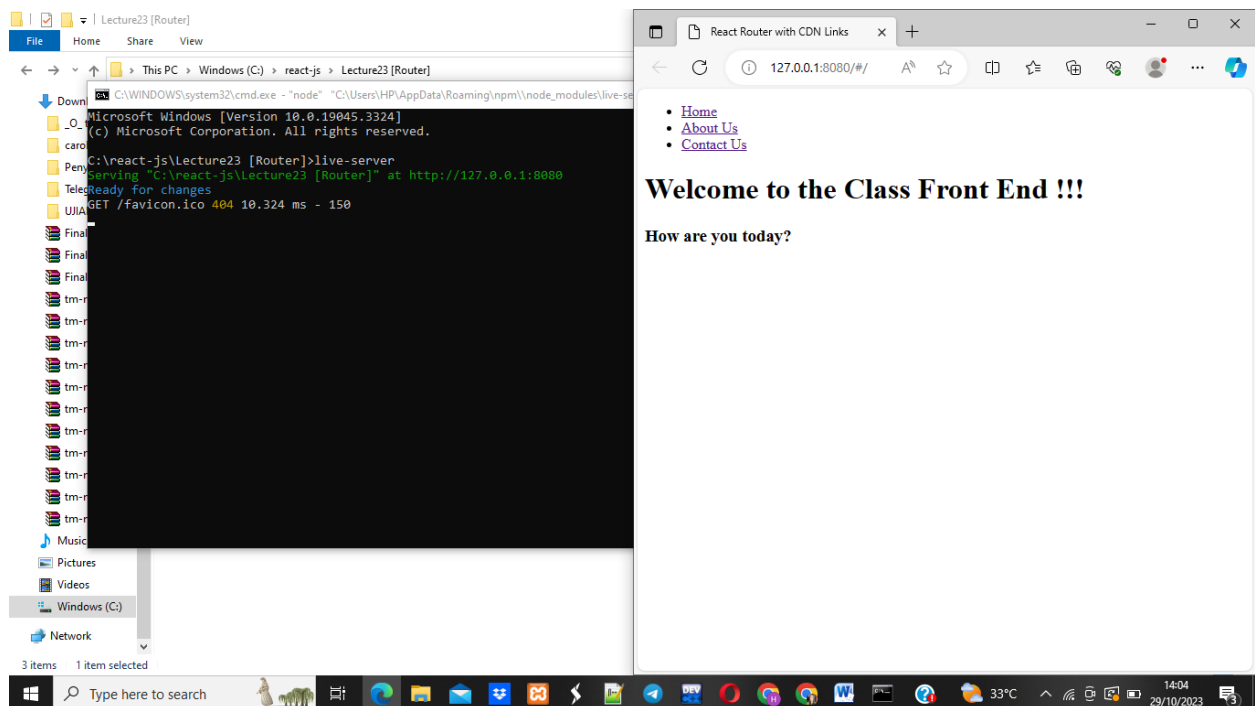
Lalu, untuk melihat outputnya ketik cmd pada direktori diatas seperti ini:

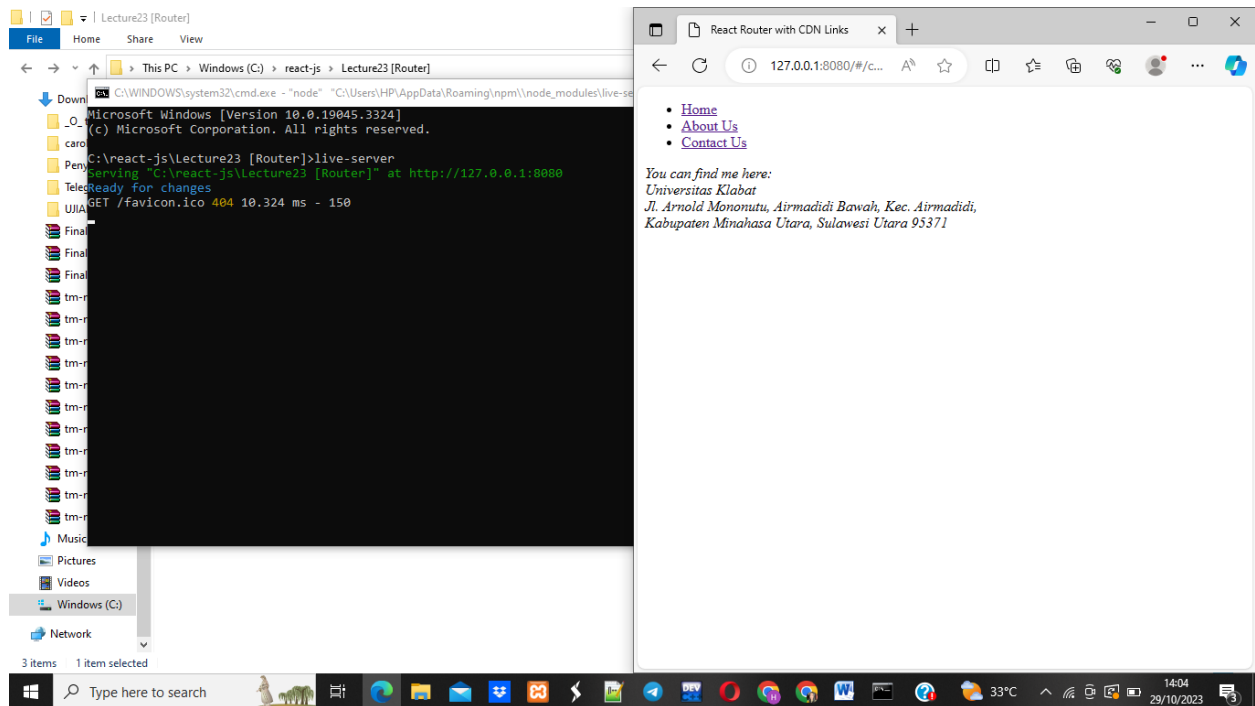
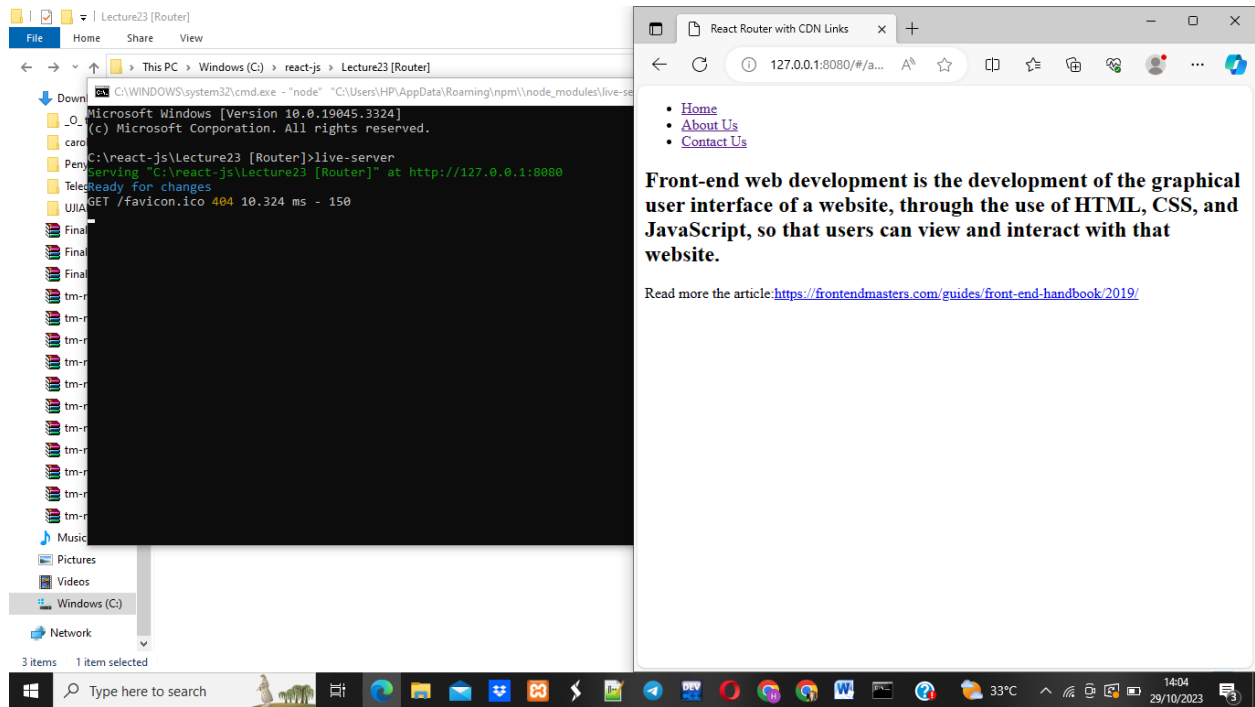


Dan akan terlihat seperti ini dan ketik live-server



Maka akan ready for changes dan menghasilkan outputnya seperti ini:





Sekian, terima kasih.

