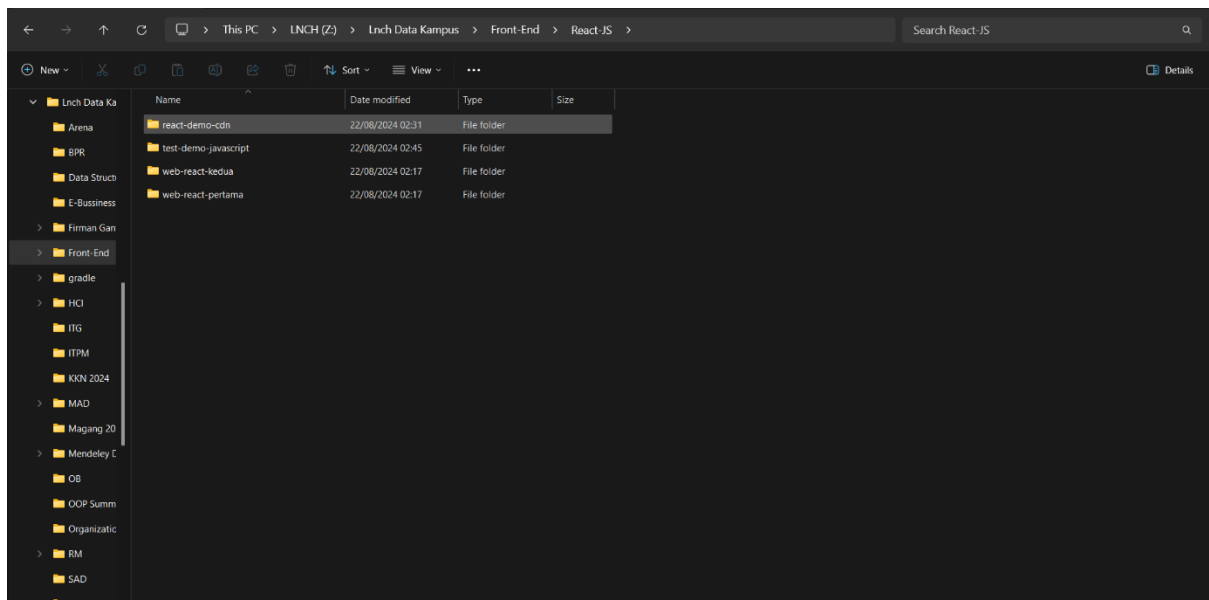
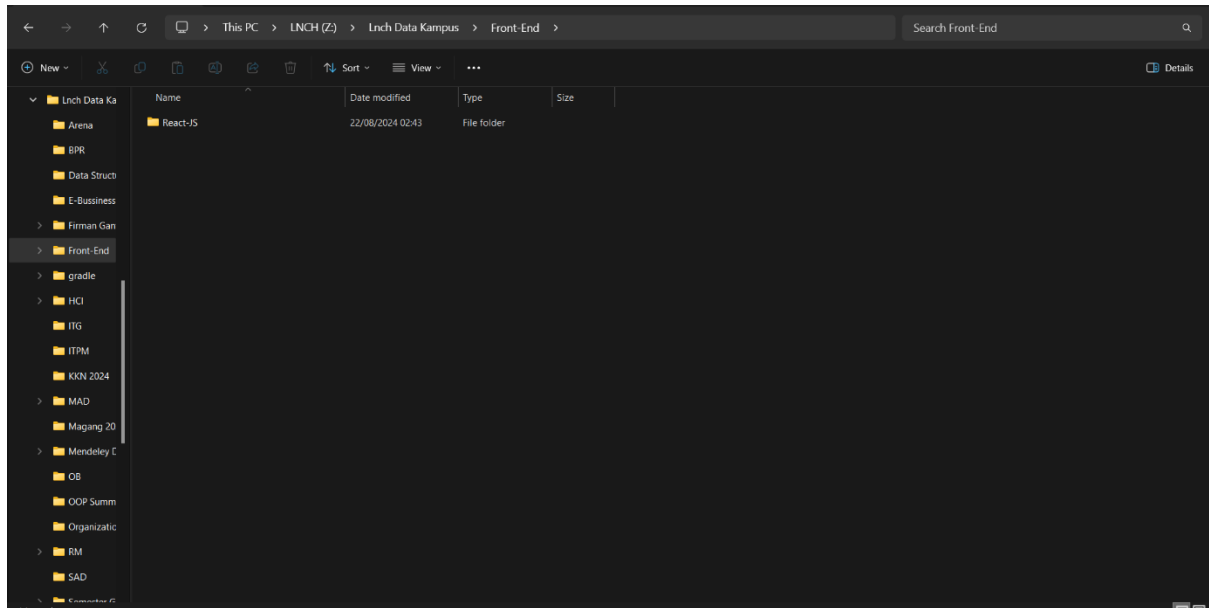


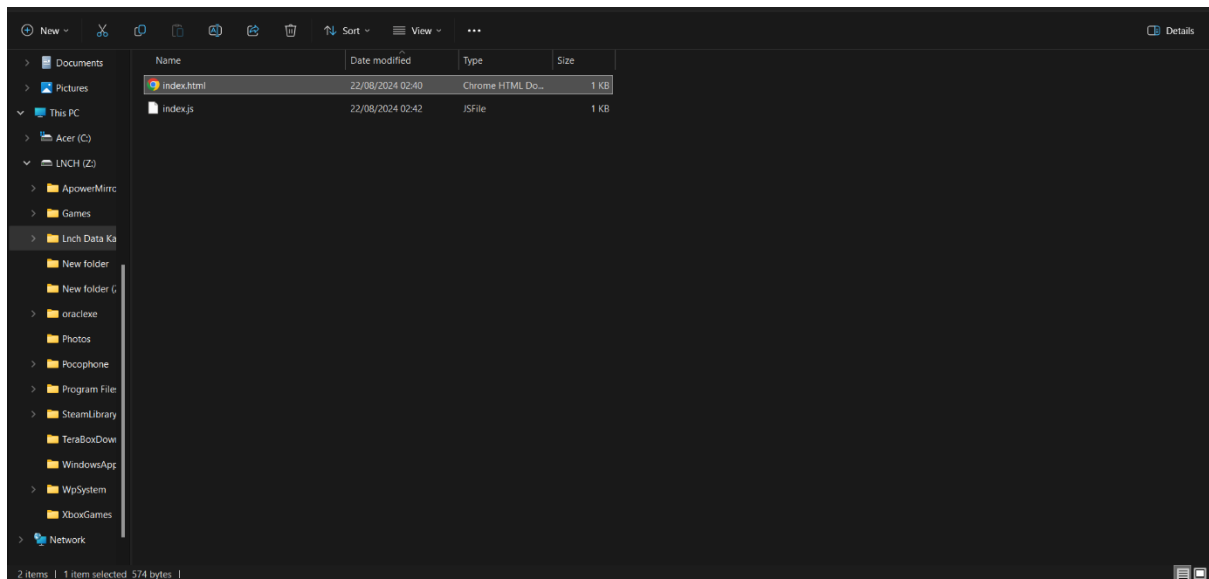
Front-End Web Development

Exercise Lecture #3

buat folder "React-JS" dan buat folder React-JS buat folder "react-demo-cdn dalam folder React-JS. buat file Text ubah file text menjadi file html.



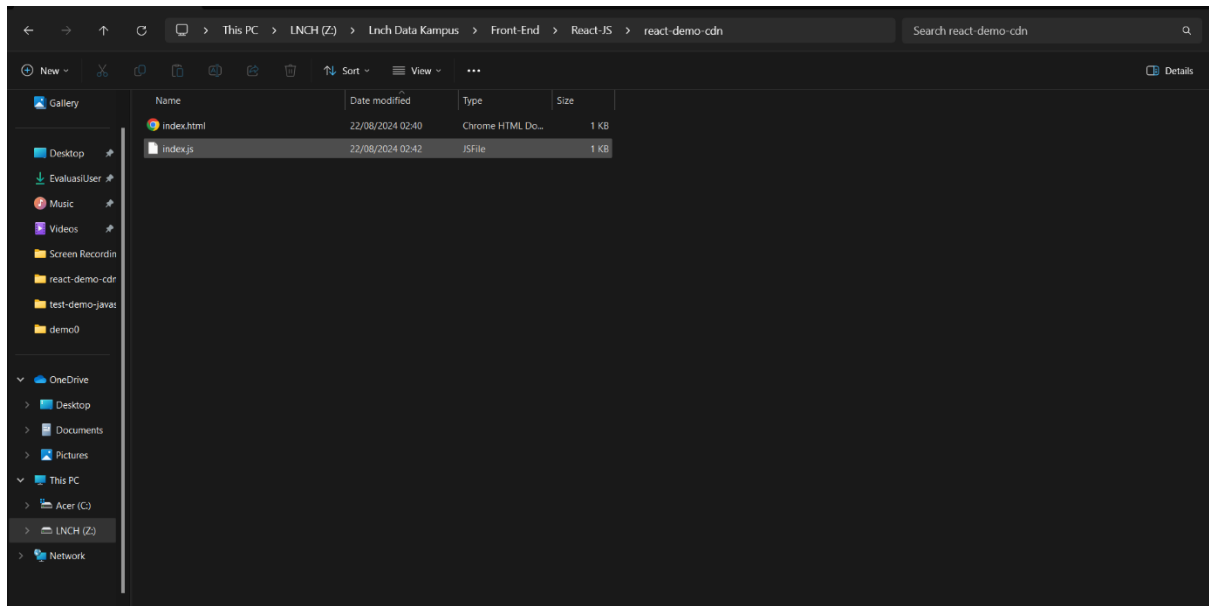
Setelah membuat file text, dan mengubah file text ke file html, ubah nama file menjadi "index.html". klik kanan di file index.html dan pilih edit with note++



Didalam note++ terapkan codingan yang telah diaberikn. Kedalam file index.html

```
Z:\Lnch Data Kampus\Front-End\React-JS\react-demo-cdn\index.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html x index.js x index.html x index.js x
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Test CDN</title>
7 </head>
8 <body>
9   <h1>Welcome to this Front-end Web Development. </h1>
10  <!-- Insert tag div -->
11  <div id="button"></div>
12
13  <!-- Load React Library -->
14  <script src="https://unpkg.com/react@17/umd/react.development.js" crossorigin></script>
15  <script src="https://unpkg.com/react-dom@17/umd/react-dom.development.js" crossorigin></script>
16  <script src="index.js"></script>
17
18
19 </body>
20 </html>
```

Setelah menulis index.html, buat file text index.js ubah file text menjadi file js. buka dalam notepad++.

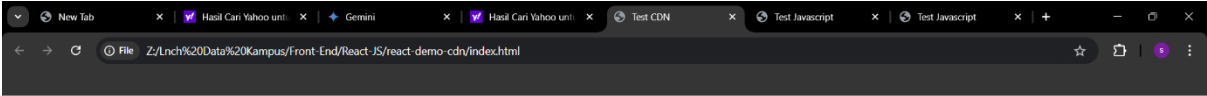


Buat codingan yang telah di berikan

```
1  "use strict";
2
3  const e = React.createElement;
4
5  class LikeButton extends React.Component {
6    constructor(props) {
7      super(props);
8      this.state = { liked: false };
9    }
10
11   render() {
12     let text = "Like";
13
14     if (this.state.liked) {
15       // If the button has already been clicked, the text should change to "Sudah di Like. Batalan?"
16       text = "Sudah di Like. Batalan?";
17     } else {
18       // If the button has not been clicked yet, the text should remain "Like"
19       text = "Like";
20     }
21
22     return e("button",
23       {
24         onClick: () => this.setState({ liked: !this.state.liked }),
25         text,
26       },
27     );
28
29     const domContainer = document.querySelector("#button");
30     ReactDOM.render(e(LikeButton), domContainer);
```

Exercise 1.1

Menekan like



Welcome to this Front-end Web Development.

Like



Ketika menekan like button akan muncul”Sudah di like, Bataalkan?”

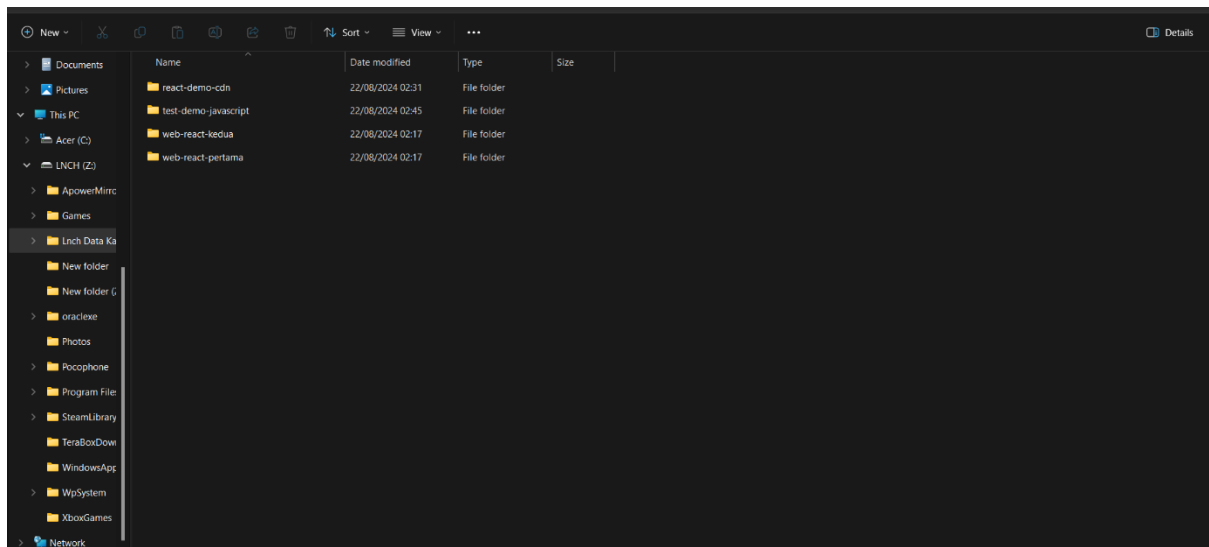


Welcome to this Front-end Web Development.

Sudah di Like. Bataalkan?



Exercise 2 folder baru "test-demo-javascript"



Z:\Lnch Data Kampus\Front-End\React-JS\test-demo-javascript\index.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

index.html index.js index.html index.js

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Test Javascript</title>
5   <script src="index.js"></script>
6 </head>
7 <body>
8   <h1>Change Background</h1>
9   <p>Click to trigger a function that will change the background.</p>
10
11   <button onclick="myHello()">Click me!!!</button>
12   <button onclick="bgRed()">Background Red</button>
13   <button onclick="bgBlue()">Background Blue</button>
14   <button onclick="bgGreen()">Background Green</button>
15   <button onclick="bgYellow()">Background Yellow</button>
16   <button onclick="bgWhite()">Background White</button>
17
18   <p id="greetings"></p>
19 </body>
20 </html>
21
```

```
Z:\Lnch Data Kampus\Front-End\React-JS\test-demo-javascript\index.js - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html index.js index.html index.js
1 // function for action performs
2 function myHello() {
3     document.getElementById("greetings").innerHTML = "Hello Student, Welcome to this class.";
4 }
5
6 function bgRed() {
7     document.body.style.background = 'red';
8 }
9
10 function bgBlue() {
11     document.body.style.background = 'blue' ;
12 }
13 function bgGreen() {
14     document.body.style.background = 'green';
15 }
16
17 function bgYellow() {
18     document.body.style.background = 'yellow';
19 }
20 function bgWhite() {
21     document.body.style.background = 'white';
22 }
23
```

Exercise 1.2

Change Background

Click to trigger a function that will change the background.

Hello Student, Welcome to this class.

Change Background

Click to trigger a function that will change the background.

- Click me!!!
- Background Red
- Background Blue
- Background Green
- Background Yellow
- Background White

Change Background

Click to trigger a function that will change the background.

- Click me!!!
- Background Red
- Background Blue
- Background Green
- Background Yellow
- Background White