

TUGAS INDIVIDU
PEMROGRAMAN BERBASIS FRAMEWORK
PERTEMUAN 5



Disusun oleh:

Rijal Ammar Irsyadul Ibad

TI-3B/2041720184

D4 TEKNIK INFORMATIKA
TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG

2023

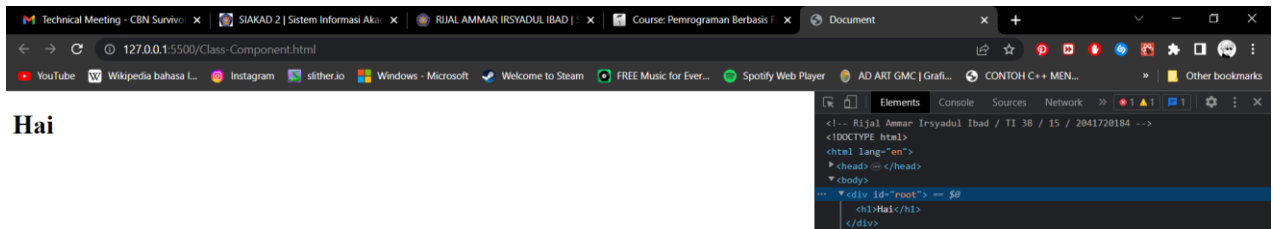
1. **Praktikum Membuat Class Component**
Code:

```

1  <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2  <!DOCTYPE html>
3  <html lang="en">
4
5  <head>
6      <meta charset="UTF-8">
7      <meta http-equiv="X-UA-Compatible" content="IE=edge">
8      <meta name="viewport" content="width=device-width, initial-scale=1.0">
9      <title>Document</title>
10 </head>
11
12 <body>
13     <div id="root"></div>
14     <script src="js/react.development.js"></script>
15     <script src="js/react-dom.development.js"></script>
16     <script src="js/babel.js"></script>
17     <script type="text/babel">
18         class JudulReact extends React.Component {
19             render() {
20                 return <h1>Hai</h1>
21             }
22         }
23         ReactDOM.createRoot(document.getElementById('root')).render(<JudulReact />);
24     </script>
25 </body>
26 </html>

```

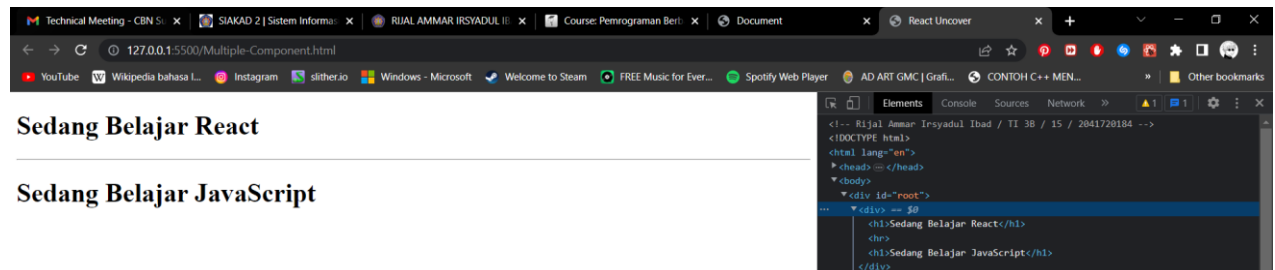
Hasil:



2. Praktikum Membuat Multiple Component Code:

```
1  <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5    <meta charset="UTF-8">
6    <meta http-equiv="X-UA-Compatible" content="IE=edge">
7    <meta name="viewport" content="width=device-width, initial-scale=1.0">
8    <title>React Uncover</title>
9  </head>
10 <body>
11   <div id="root"></div>
12   <script src="js/react.development.js"></script>
13   <script src="js/react-dom.development.js"></script>
14   <script src="js/babel.js"></script>
15   <script type="text/babel">
16
17
18     class JudulReact extends React.Component{
19       render() {
20         return <h1>Sedang Belajar React</h1>;
21       }
22     }
23
24     class JudulJavaScript extends React.Component{
25       render() {
26         return <h1>Sedang Belajar JavaScript</h1>;
27       }
28     }
29
30     const MyElement = (
31       <div>
32         <JudulReact />
33         <hr />
34         <JudulJavaScript />
35       </div>
36     );
37     ReactDOM.createRoot(document.getElementById('root')).render(MyElement);
38   </script>
39
40 </body>
41 </html>
```

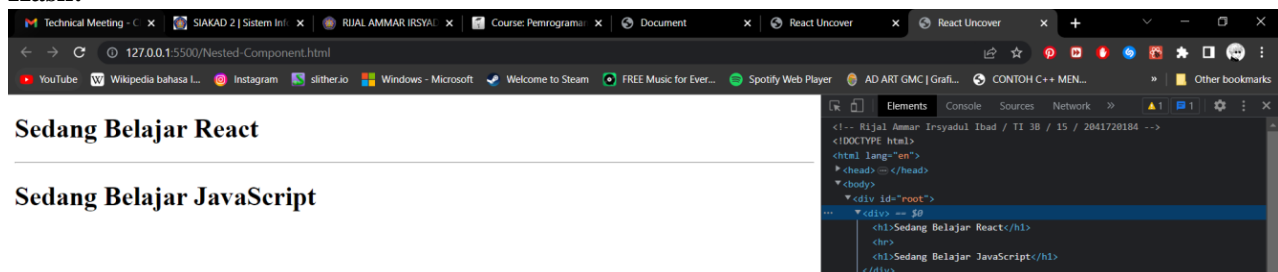
Hasi:



3. Praktikum Membuat Nested Component Code:

```
1  <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5    <meta charset="UTF-8">
6    <meta http-equiv="X-UA-Compatible" content="IE=edge">
7    <meta name="viewport" content="width=device-width, initial-scale=1.0">
8    <title>React Uncover</title>
9  </head>
10 <body>
11   <div id="root"></div>
12   <script src="js/react.development.js"></script>
13   <script src="js/react-dom.development.js"></script>
14   <script src="js/babel.js"></script>
15   <script type="text/babel">
16
17
18     class JudulReact extends React.Component{
19       render() {
20         return <h1>Sedang Belajar React</h1>;
21       }
22     }
23
24     class JudulJavaScript extends React.Component{
25       render() {
26         return <h1>Sedang Belajar JavaScript</h1>;
27       }
28     }
29
30     class MyComponent extends React.Component {
31       render(){
32         return(
33           <div>
34             <JudulReact />
35             <hr />
36             <JudulJavaScript />
37           </div>
38         )
39       }
40     };
41
42     ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
43   </script>
44
45 </body>
46 </html>
```

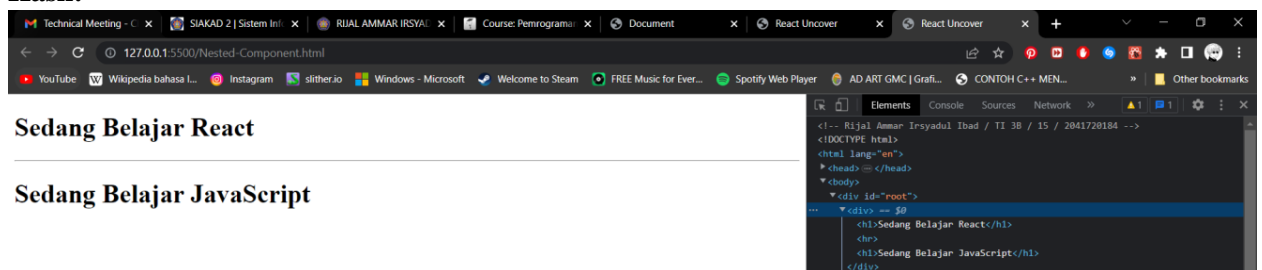
Hasil:



4. Praktikum Membuat Functional Component Code:

```
1 <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>React Uncover</title>
9 </head>
10 <body>
11   <div id="root"></div>
12   <script src="js/react.development.js"></script>
13   <script src="js/react-dom.development.js"></script>
14   <script src="js/babel.js"></script>
15   <script type="text/babel">
16
17     function JudulReact(){
18       return <h1>Sedang Belajar React</h1>;
19     }
20
21     function JudulJavaScript(){
22       return <h1>Sedang Belajar JavaScript</h1>;
23     }
24
25     function MyComponent() {
26       return(
27         <div>
28           <JudulReact />
29           <hr />
30           <JudulJavaScript />
31         </div>
32       )
33     }
34
35     ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
36   </script>
37 </body>
38 </html>
```

Hasil:

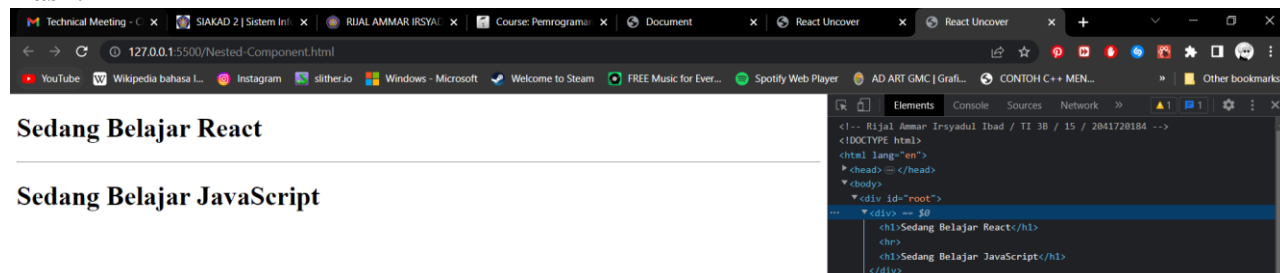


5. Praktikum Membuat Functional Component 1

Code:

```
1  <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5    <meta charset="UTF-8">
6    <meta http-equiv="X-UA-Compatible" content="IE=edge">
7    <meta name="viewport" content="width=device-width, initial-scale=1.0">
8    <title>React Uncover</title>
9  </head>
10 <body>
11   <div id="root"></div>
12   <script src="js/react.development.js"></script>
13   <script src="js/react-dom.development.js"></script>
14   <script src="js/babel.js"></script>
15   <script type="text/babel">
16
17
18     const JudulReact = () => <h1>Sedang Belajar React</h1>;
19
20     const JudulJavaScript = () => <h1>Sedang Belajar JavaScript</h1>;
21
22     const MyComponent = () => {
23       return(
24         <div>
25           <JudulReact />
26           <hr />
27           <JudulJavaScript />
28         </div>
29       )
30     }
31
32     ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
33   </script>
34
35 </body>
36 </html>
```

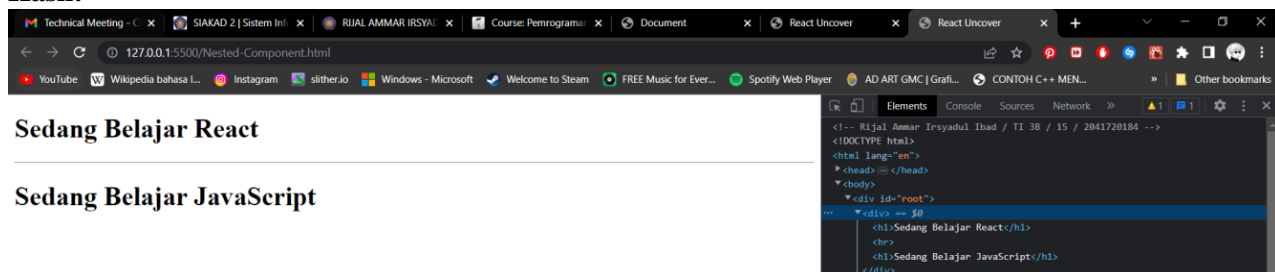
Hasil:



6. Praktikum Membuat Class Gabungan Functional Component Code:

```
1 <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>React Uncover</title>
9 </head>
10 <body>
11   <div id="root"></div>
12   <script src="js/react.development.js"></script>
13   <script src="js/react-dom.development.js"></script>
14   <script src="js/babel.js"></script>
15   <script type="text/babel">
16
17
18     class JudulReact extends React.Component{
19       render() {
20         return <h1>Sedang Belajar React</h1>;
21       }
22     }
23
24     const JudulJavaScript = () => <h1>Sedang Belajar JavaScript</h1>;
25
26     const MyComponent = () => {
27       return(
28         <div>
29           <JudulReact />
30           <hr />
31           <JudulJavaScript />
32         </div>
33       )
34     }
35
36     ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
37   </script>
38 </body>
39 </html>
```

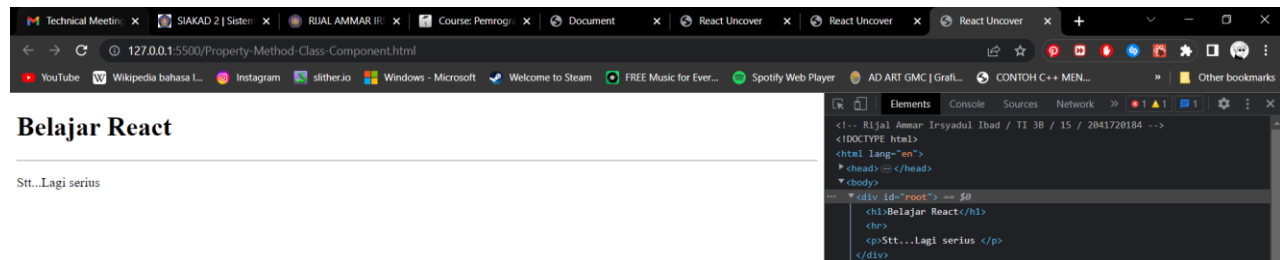
Hasil:



7. Praktikum Menambah Property Code:

```
1  <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5      <meta charset="UTF-8">
6      <meta http-equiv="X-UA-Compatible" content="IE=edge">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <title>React Uncover</title>
9  </head>
10 <body>
11     <div id="root"></div>
12     <script src="js/react.development.js"></script>
13     <script src="js/react-dom.development.js"></script>
14     <script src="js/babel.js"></script>
15     <script type="text/babel">
16
17         class MyComponent extends React.Component{
18             render() {
19                 let JudulReact = "Belajar React";
20                 return(
21                     <React.Fragment>
22                         <h1>{JudulReact}</h1>
23                         <hr />
24                         <p>Stt...Lagi serius {JudulReact.toLocaleLowerCase}</p>
25                     </React.Fragment>
26                 )
27             }
28         }
29
30         ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
31     </script>
32
33 </body>
34 </html>
```

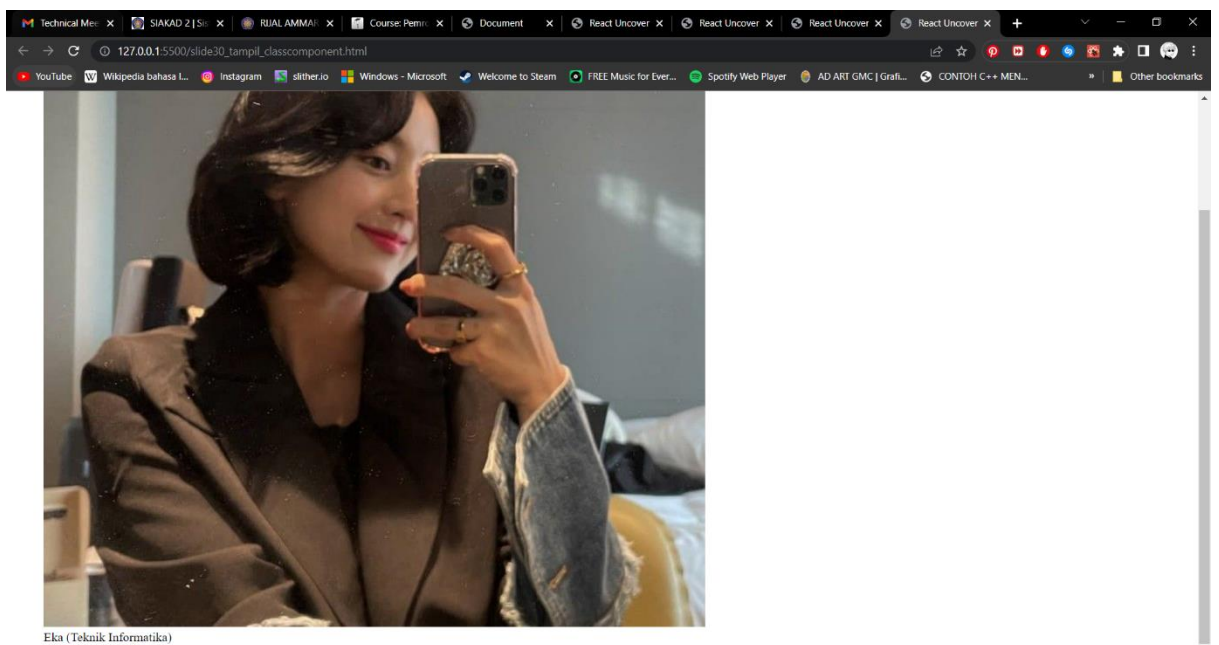
Hasil:



8. Praktikum Menampilkan Data Dengan Class Component Code:

```
1  <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5    <meta charset="UTF-8">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>React Uncover</title>
8  </head>
9  <body>
10   <div id="root"></div>
11
12   <script src="js/react.development.js"></script>
13   <script src="js/react-dom.development.js"></script>
14   <script src="js/babel.js"></script>
15   <script type="text/babel">
16
17     const mahasiswa =
18     {
19       id: "01",
20       nama: "Eka",
21       jurusan: "Teknik Informatika",
22       pasFoto: "people3.jpeg"
23     }
24
25     class Mahasiswa extends React.Component{
26       render() {
27         return(
28           <figure>
29             
30             <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
31           </figure>
32         )
33       }
34     }
35
36     ReactDOM.createRoot(document.getElementById('root')).render(<Mahasiswa />);
37
38   </script>
39 </body>
40 </html>
```

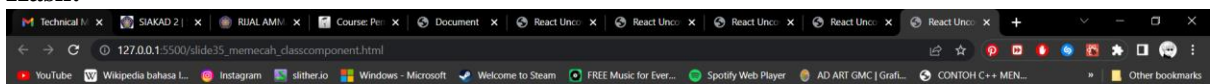
Hasil:



9. Praktikum Memecah Class Component Code:

```
1 <!-- Rijal Ammar Irsyadul Ibad / TI 38 / 15 / 2041720184 -->
2 <DOCTYPE html>
3 <html lang="en">
4
5 <head>
6   <meta charset="UTF-8">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>React Uncover</title>
9 </head>
10
11 <body>
12   <div id="root"></div>
13
14   <script src="js/react.development.js"></script>
15   <script src="js/react-dom.development.js"></script>
16   <script src="js/babel.js"></script>
17   <script type="text/babel">
18
19     const mahasiswa = [
20       {
21         id: "01",
22         nama: "Eka",
23         jurusan: "Teknik Informatika",
24         pasFoto: "people1.jpg"
25       },
26       {
27         id: "02",
28         nama: "Lisa",
29         jurusan: "Sistem Informasi",
30         pasFoto: "people2.jpg"
31       },
32       {
33         id: "03",
34         nama: "Rudi",
35         jurusan: "Teknik Elektro",
36         pasFoto: "people3.jpg"
37       }
38     ]
39
40     class DaftarMahasiswa extends React.Component {
41       render() {
42         return (
43           <React.Fragment>
44             <h1>Daftar Mahasiswa - Polinema</h1>
45             <hr />
46             <section style={{ display: "flex", textAlign: "center" }}>
47               {
48                 mahasiswa.map((mahasiswa) =>
49                   <figure key={mahasiswa.id}>
50                     <img src={"img/" + mahasiswa.pasFoto} alt={"mahasiswa.nama"} />
51                     <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
52                   </figure>
53                 )
54               }
55             </section>
56           </React.Fragment>
57         )
58       }
59     }
60
61     ReactDOM.createRoot(document.getElementById("root")).render(<DaftarMahasiswa />);
62
63   </script>
64 </body>
65 </html>
```

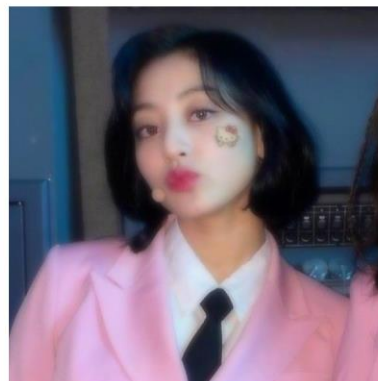
Hasil:



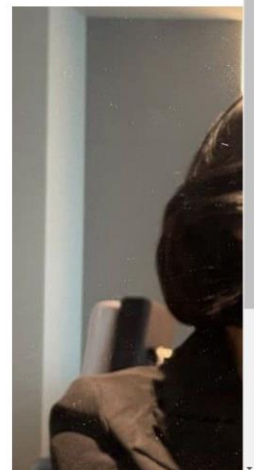
Daftar Mahasiswa - Polinema



Eka (Teknik Informatika)



Lisa (Sistem Informasi)

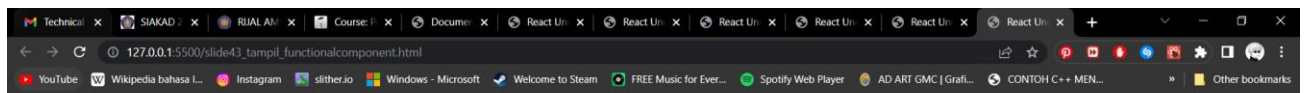


10. Praktikum Menampilkan Data Dengan Functional Component

Code:

```
1 <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2 <!DOCTYPE html>
3 <html lang="en">
4
5 <head>
6   <meta charset="UTF-8">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>React Uncover</title>
9 </head>
10
11 <body>
12   <div id="root"></div>
13
14   <script src="js/react.development.js"></script>
15   <script src="js/react-dom.development.js"></script>
16   <script src="js/babel.js"></script>
17   <script type="text/babel">
18
19     const mahasiswa = [
20       {
21         id: "01",
22         nama: "Eka",
23         jurusan: "Teknik Informatika",
24         pasFoto: "people1.jpg"
25       },
26       {
27         id: "02",
28         nama: "Lisa",
29         jurusan: "Sistem Informasi",
30         pasFoto: "people1.jpg"
31       },
32       {
33         id: "03",
34         nama: "Rudi",
35         jurusan: "Teknik Elektro",
36         pasFoto: "people1.jpg"
37       }
38     ];
39
40     const Mahasiswa = () => {
41       return (
42         mahasiswa.map((mahasiswa) =>
43           <figure key={mahasiswa.id}>
44             <img src={"img/" + mahasiswa.pasFoto} alt={"mahasiswa.nama"} />
45             <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
46           </figure>
47         )
48       )
49     }
50
51     const DaftarMahasiswa = () => {
52       return (
53         <React.Fragment>
54           <h1>Daftar Mahasiswa - Teknik Informatika</h1>
55           <hr />
56           <section style={{ display: "flex", textAlign: "center" }}>
57             <Mahasiswa />
58           </section>
59         </React.Fragment>
60       )
61     }
62
63     ReactDOM.createRoot(document.getElementById('root')).render(<DaftarMahasiswa />);
64
65   </script>
66 </body>
67
68 </html>
```

Hasil Dari Praktikum Menampilkan Data Dengan Functional Component :



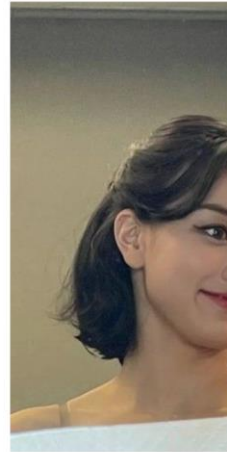
Daftar Mahasiswa - Teknik Informatika



Eka (Teknik Informatika)



Lisa (Sistem Informasi)



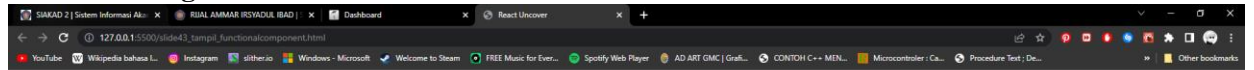
Rudi (Tel

11. Tugas PPT

Code:

```
1  <!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
2  <!DOCTYPE html>
3  <html lang="en">
4
5  <head>
6    <meta charset="UTF-8">
7    <meta name="viewport" content="width=device-width, initial-scale=1.0">
8    <title>React Uncover</title>
9  </head>
10
11 <body>
12   <div id="root"></div>
13
14   <script src="js/react.development.js"></script>
15   <script src="js/react-dom.development.js"></script>
16   <script src="js/babel.js"></script>
17   <script type="text/babel">
18
19     const mahasiswa = [
20       {
21         id: "01",
22         nama: "Eka",
23         jurusan: "Teknik Informatika",
24         pasFoto: "people1.jpg"
25       },
26       {
27         id: "02",
28         nama: "Lisa",
29         jurusan: "Sistem Informasi",
30         pasFoto: "people1.jpg"
31       },
32       {
33         id: "03",
34         nama: "Rudi",
35         jurusan: "Teknik Elektro",
36         pasFoto: "people1.jpg"
37       }
38     ];
39
40     const Mahasiswa = () => {
41       return (
42         mahasiswa.map((mahasiswa) =>
43           <figure key={mahasiswa.id}>
44             <img src={"img/" + mahasiswa.pasFoto} alt={"mahasiswa.nama"} />
45             <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
46           </figure>
47         )
48       )
49     }
50
51     const DaftarMahasiswa = () => {
52       return (
53         <React.Fragment>
54           <h1>Daftar Mahasiswa - Teknik Informatika</h1>
55           <hr />
56           <section style={{ display: "flex", textAlign: "center" }}>
57             <Mahasiswa />
58           </section>
59         </React.Fragment>
60       )
61     }
62
63     ReactDOM.createRoot(document.getElementById('root')).render(<DaftarMahasiswa />);
64
65   </script>
66 </body>
67
68 </html>
```

Hasil Dari Tugas PPT



Daftar Mahasiswa - Teknik Informatika



Eka (Teknik Informatika)



Lisa (Sistem Informasi)



Rudi (Teknik Elektro)