TUGAS INDIVIDU

PEMROGRAMAN BERBASIS FRAMEWORK

PERTEMUAN 5

Disusun oleh:

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TI-3B/2041720184

D4 TEKNIK INFORMATIKA

TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

2023
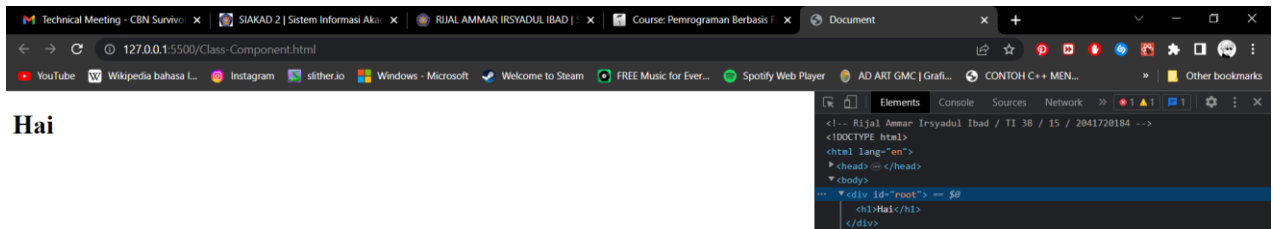
1. **Praktikum Membuat Class Component**
   Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>

<body>
    <div id="root"></div>
    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">
        class JudulReact extends React.Component {
            render() {
                return <h1>Hai</h1>
            }
        }
        ReactDOM.createRoot(document.getElementById('root')).render(<JudulReact />);
    </script>
</body>
</html>
```

Hasil:

Hai

2. Praktikum Membuat Multiple Component

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>
<body>
    <div id="root"></div>
    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">


        class JudulReact extends React.Component{
            render() {
                return <h1>Sedang Belajar React</h1>;
            }
        }

        class JudulJavaScript extends React.Component{
            render() {
                return <h1>Sedang Belajar JavaScript</h1>;
            }
        }

        const MyElement = (
            <div>
                <JudulReact />
                <hr />
                <JudulJavaScript />
                </div>
        );
        ReactDOM.createRoot(document.getElementById('root')).render(MyElement);
    </script>

</body>
</html>
```

Hasi:

3. **Praktikum Membuat Nested Component**

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>
<body>
    <div id="root"></div>
    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">


        class JudulReact extends React.Component{
            render() {
                return <h1>Sedang Belajar React</h1>;
            }
        }

        class JudulJavaScript extends React.Component{
            render() {
                return <h1>Sedang Belajar JavaScript</h1>;
            }
        }

        class MyComponent extends React.Component {
            render(){
                return(
                    <div>
                    <JudulReact />
                    <hr />
                    <JudulJavaScript />
                    </div>
                    )
            }
        };

        ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
    </script>

</body>
</html>
```
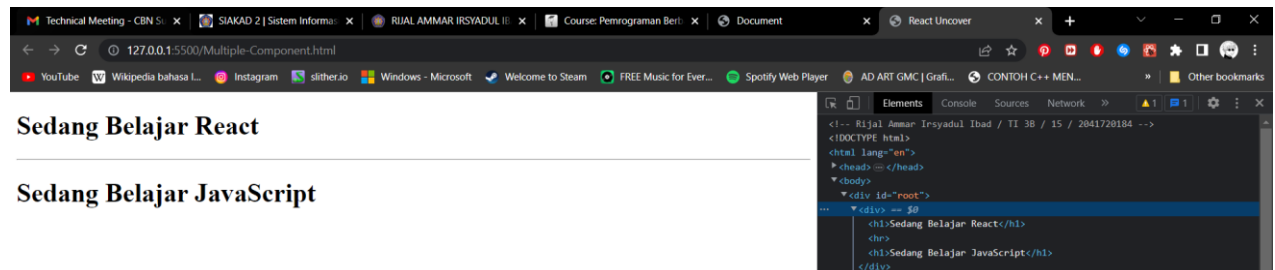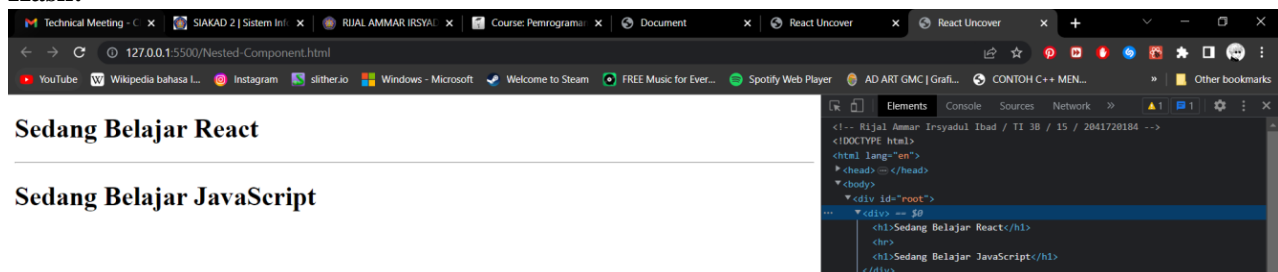
Hasil:

4. Praktikum Membuat Functional Component

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>
<body>
    <div id="root"></div>
    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">


        function JudulReact(){
                return <h1>Sedang Belajar React</h1>;
        }

        function JudulJavaScript(){
                return <h1>Sedang Belajar JavaScript</h1>;
        }

        function MyComponent() {
            return(
                <div>
                <JudulReact />
                <hr />
                <JudulJavaScript />
                </div>
            )
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
    </script>

</body>
</html>
```
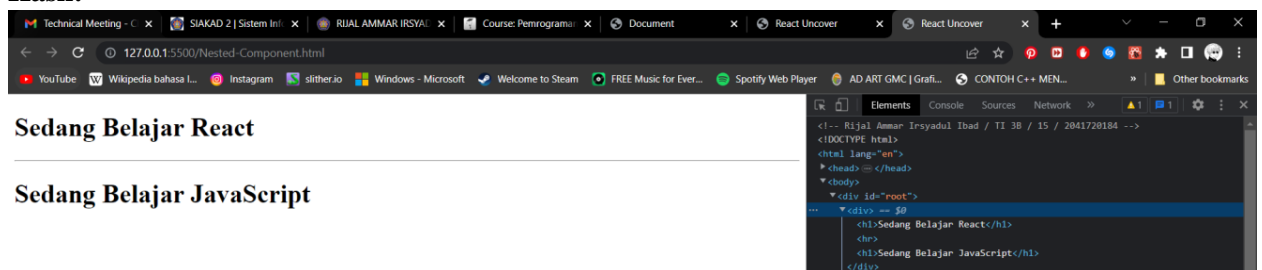
Hasil:

5. Praktikum Membuat Functional Component 1

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>
<body>
    <div id="root"></div>
    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">


        const JudulReact = () => <h1>Sedang Belajar React</h1>;

        const JudulJavaScript = () => <h1>Sedang Belajar JavaScript</h1>;

        const MyComponent = () => {
            return(
                <div>
                <JudulReact />
                <hr />
                <JudulJavaScript />
                </div>
            )
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
    </script>

</body>
</html>
```
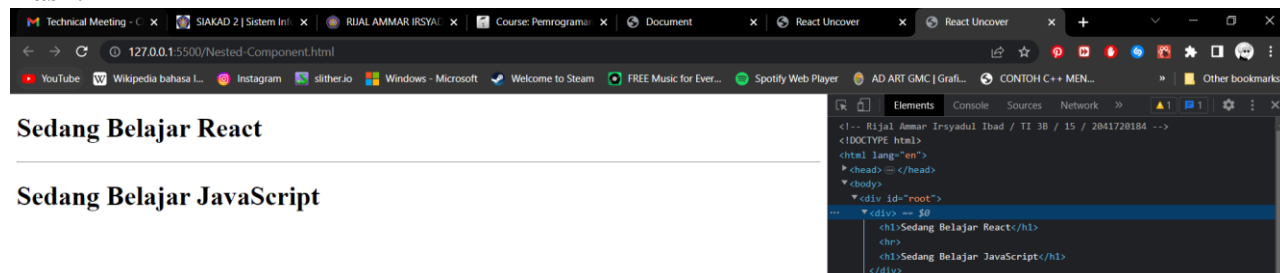
Hasil:

Sedang Belajar React

Sedang Belajar JavaScript

6. Praktikum Membuat Class Gabungan Functional Component

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>
<body>
    <div id="root"></div>
    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">


        class JudulReact extends React.Component{
            render() {
                return <h1>Sedang Belajar React</h1>;
            }
        }

        const JudulJavaScript = () => <h1>Sedang Belajar JavaScript</h1>;

        const MyComponent = () => {
            return(
                <div>
                <JudulReact />
                <hr />
                <JudulJavaScript />
                </div>
            )
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
    </script>

</body>
</html>
```
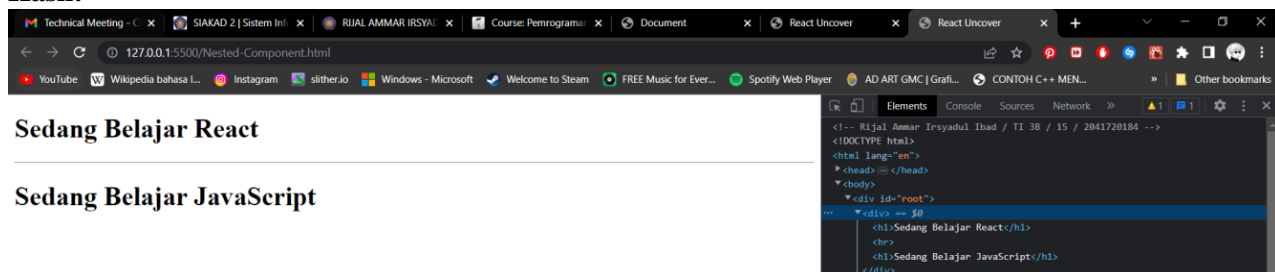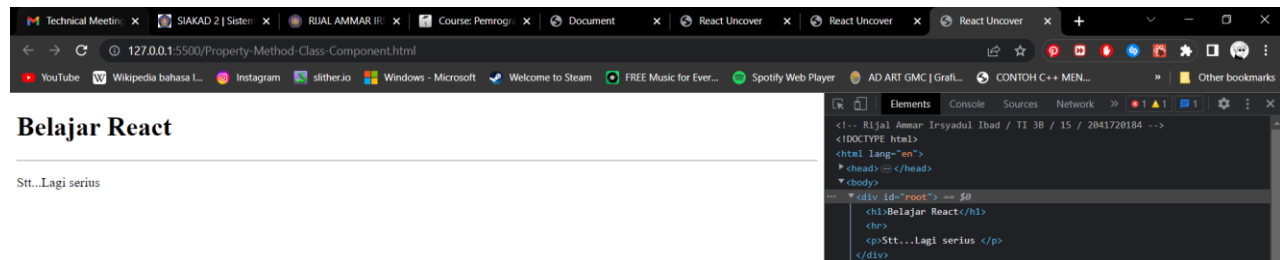
Hasil:

Sedang Belajar React

Sedang Belajar JavaScript

7. Praktikum Menambah Property

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>
<body>
    <div id="root"></div>
    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">

        class MyComponent extends React.Component{
            render() {
                let JudulReact = "Belajar React";
                return(
                    <React.Fragment>
                        <h1>{JudulReact}</h1>
                        <hr />
                        <p>Stt...Lagi  serius {JudulReact.toLocaleLowerCase}</p>
                    </React.Fragment>
                )
            }
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<MyComponent />);
    </script>

</body>
</html>
```

Hasil:

8. Praktikum Menampilkan Data Dengan Class Component

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>
<body>
    <div id="root"></div>

    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">

        const mahasiswa =
        {
            id: "01",
            nama: "Eka",
            jurusan: "Teknik Informatika",
            pasFoto: "people3.jpeg"
        }

        class Mahasiswa extends React.Component{
            render() {
                return(
                    <figure>
                        <img src={"img/" + mahasiswa.pasFoto} alt={"mahasiswa.nama"} />
                        <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
                    </figure>
                )
            }
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<Mahasiswa />);

    </script>
</body>
</html>
```
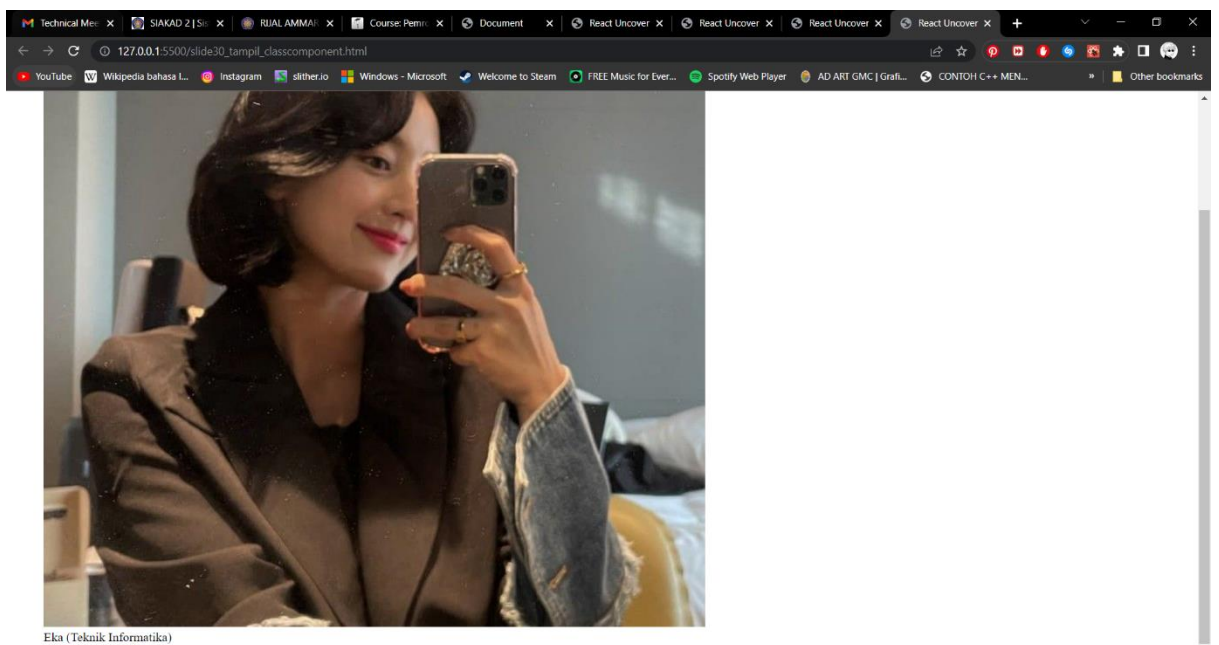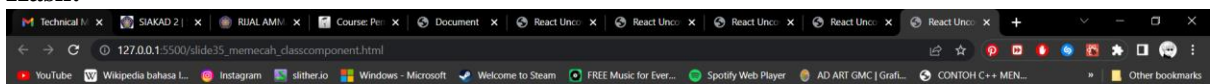
Hasil:

9. Praktikum Memecah Class Component
Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>

<body>
    <div id="root"></div>

    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">

        const mahasiswas = [
            {
                id: "01",
                nama: "Eka",
                jurusan: "Teknik Informatika",
                pasFoto: "people1.jpg"
            },
            {
                id: "02",
                nama: "Lisa",
                jurusan: "Sistem Informasi",
                pasFoto: "people2.jpg"
            },
            {
                id: "03",
                nama: "Rudi",
                jurusan: "Teknik Elektro",
                pasFoto: "people3.jpg"
            }
        ]
        class DaftarMahasiswa extends React.Component {
            render() {
                return (
                    <React.Fragment>
                        <h1>Daftar Mahasiswa - Polinema</h1>
                        <hr />
                        <section style={{ display: "flex", textAlign: "center" }}>
                            {
                                mahasiswas.map((mahasiswa) =>
                                    <figure key={mahasiswa.id}>
                                        <img src={"img/" + mahasiswa.pasFoto} alt={"mahasiswa.nama"} />
                                        <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
                                    </figure>
                                )
                            }
                        </section>
                    </React.Fragment>
                )
            }
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<DaftarMahasiswa />);

    </script>
</body>

</html>
```
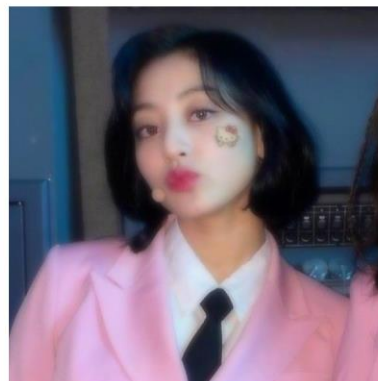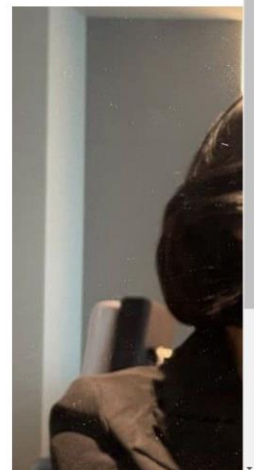
Hasil:

10. Praktikum Menampilkan Data Dengan Functional Component

Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>

<body>
    <div id="root"></div>

    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">

        const mahasiswas = [
            {
                id: "01",
                nama: "Eka",
                jurusan: "Teknik Informatika",
                pasFoto: "people1.jpg"
            },
            {
                id: "02",
                nama: "Lisa",
                jurusan: "Sistem Informasi",
                pasFoto: "people1.jpg"
            },
            {
                id: "03",
                nama: "Rudi",
                jurusan: "Teknik Elektro",
                pasFoto: "people1.jpg"
            }
        ];

        const Mahasiswa = () => {
            return (
                mahasiswas.map((mahasiswa) =>
                    <figure key={mahasiswa.id}>
                        <img src={"img/" + mahasiswa.pasFoto} alt={"mahasiswa.nama"} />
                        <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
                    </figure>
                )
            )
        }

        const DaftarMahasiswa = () => {
            return (
                <React.Fragment>
                    <h1>Daftar Mahasiswa - Teknik Informatika</h1>
                    <hr />
                    <section style={{ display: "flex", textAlign: "center" }}>
                        <Mahasiswa />
                    </section>
                </React.Fragment>
            )
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<DaftarMahasiswa />);

    </script>
</body>

</html>
```
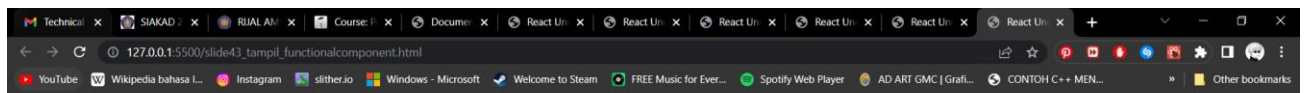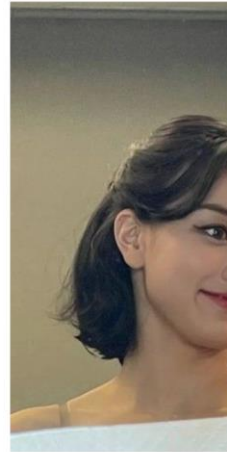
Hasil Dari Praktikum Menampilkan Data Dengan Functional Component :

11. **Tugas PPT**
    Code:

```html
<!-- Rijal Ammar Irsyadul Ibad / TI 3B / 15 / 2041720184 -->
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>React Uncover</title>
</head>

<body>
    <div id="root"></div>

    <script src="js/react.development.js"></script>
    <script src="js/react-dom.development.js"></script>
    <script src="js/babel.js"></script>
    <script type="text/babel">

        const mahasiswas = [
            {
                id: "01",
                nama: "Eka",
                jurusan: "Teknik Informatika",
                pasFoto: "people1.jpg"
            },
            {
                id: "02",
                nama: "Lisa",
                jurusan: "Sistem Informasi",
                pasFoto: "people1.jpg"
            },
            {
                id: "03",
                nama: "Rudi",
                jurusan: "Teknik Elektro",
                pasFoto: "people1.jpg"
            }
        ];

        const Mahasiswa = () => {
            return (
                mahasiswas.map((mahasiswa) =>
                    <figure key={mahasiswa.id}>
                        <img src={"img/" + mahasiswa.pasFoto} alt={"mahasiswa.nama"} />
                        <figcaption>{mahasiswa.nama} ({mahasiswa.jurusan})</figcaption>
                    </figure>
                )
            )
        }

        const DaftarMahasiswa = () => {
                return (
                    <React.Fragment>
                        <h1>Daftar Mahasiswa - Teknik Informatika</h1>
                        <hr />
                        <section style={{ display: "flex", textAlign: "center" }}>
                            <Mahasiswa />
                        </section>
                    </React.Fragment>
                )
        }

        ReactDOM.createRoot(document.getElementById('root')).render(<DaftarMahasiswa />);

    </script>
</body>

</html>
```
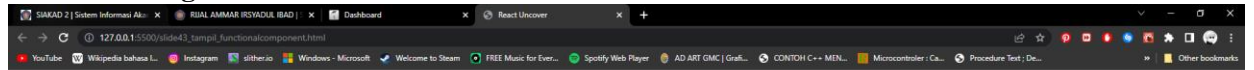
Hasil Dari Tugas PPT