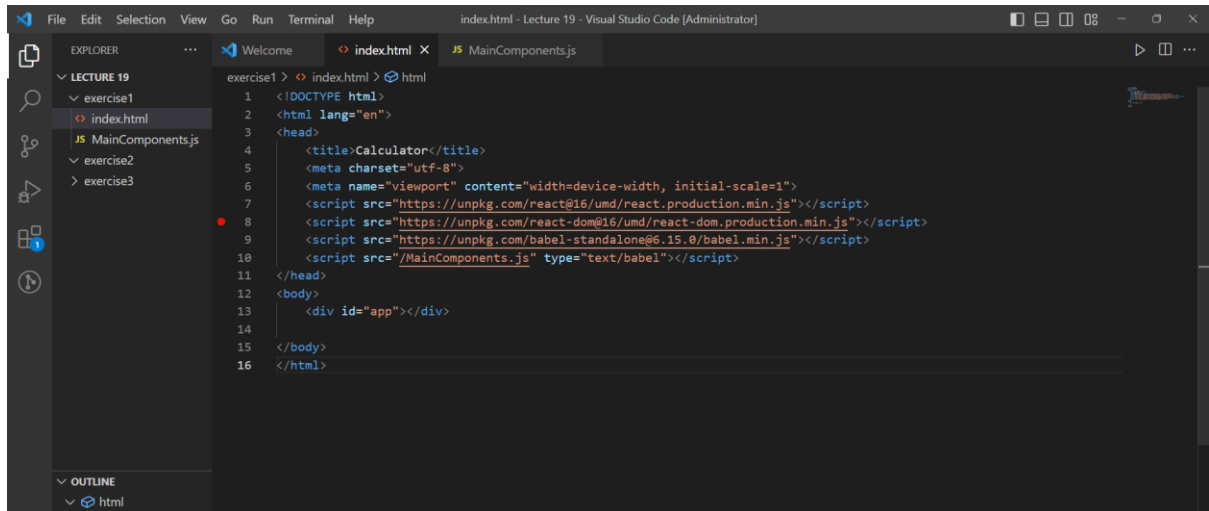


Sebelum itu kita harus buat folder untuk menyimpan file.

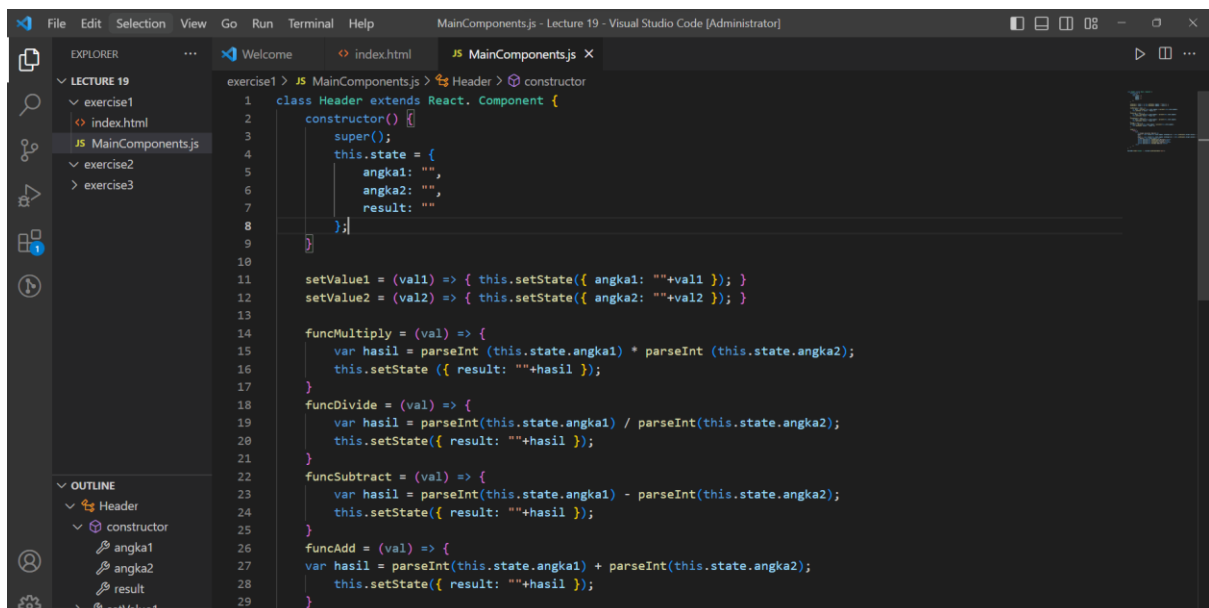
Yang pertama kita harus buat file index.html dan MainComponent.js

Dibawah ini adalah contoh code index.html

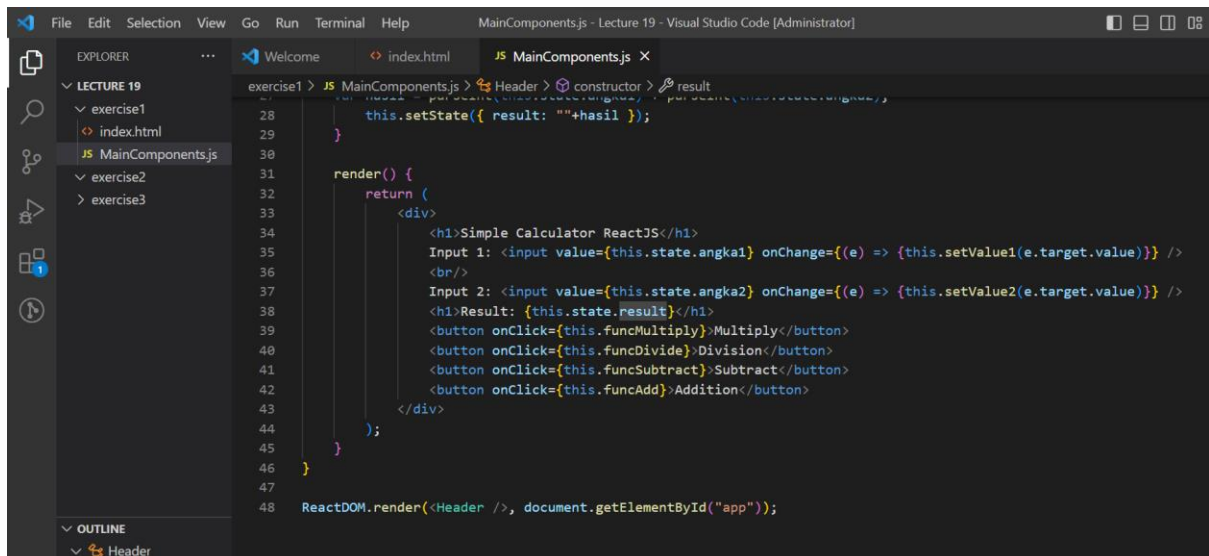


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Calculator</title>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <script src="https://unpkg.com/react-dom@16/umd/react.production.min.js"></script>
8   <script src="https://unpkg.com/react-dom@16/umd/react-dom.production.min.js"></script>
9   <script src="https://unpkg.com/babel-standalone@6.15.0/babel.min.js"></script>
10  <script src="/MainComponents.js" type="text/babel"></script>
11 </head>
12 <body>
13   <div id="app"></div>
14 </body>
15 </html>
```

Dibawah ini adalah code MainComponent.js



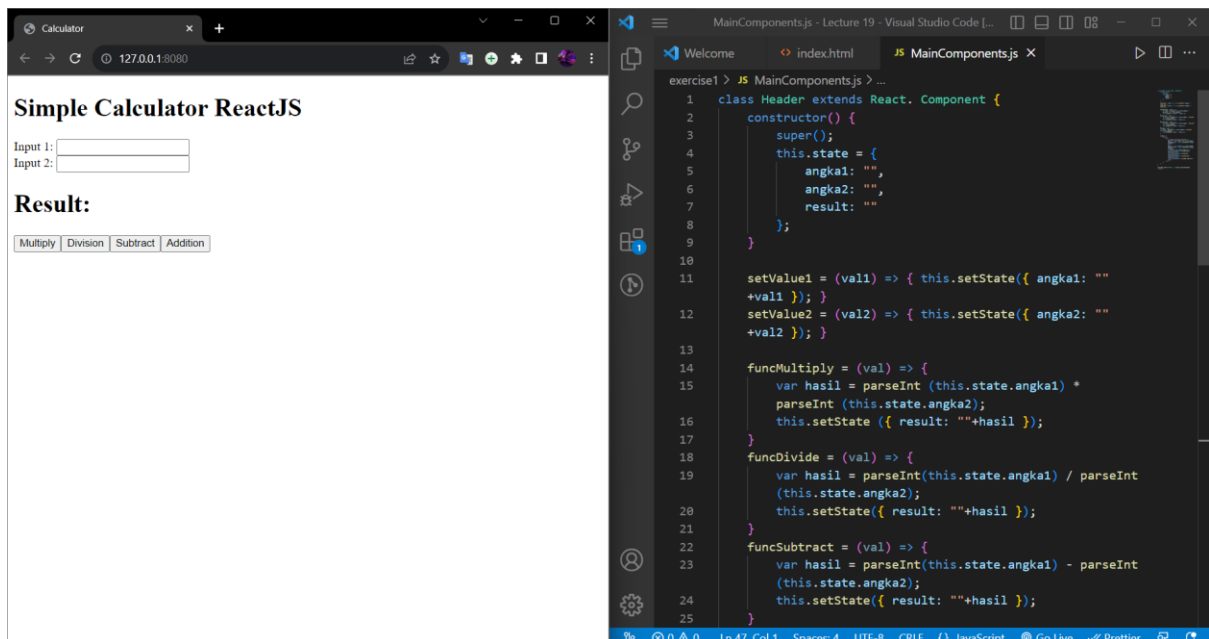
```
1 class Header extends React.Component {
2   constructor() {
3     super();
4     this.state = {
5       angka1: "",
6       angka2: "",
7       result: ""
8     };
9   }
10
11   setValue1 = (val1) => { this.setState({ angka1: ""+val1 }); }
12   setValue2 = (val2) => { this.setState({ angka2: ""+val2 }); }
13
14   funcMultiply = (val) => {
15     var hasil = parseInt(this.state.angka1) * parseInt(this.state.angka2);
16     this.setState({ result: ""+hasil });
17   }
18   funcDivide = (val) => {
19     var hasil = parseInt(this.state.angka1) / parseInt(this.state.angka2);
20     this.setState({ result: ""+hasil });
21   }
22   funcSubtract = (val) => {
23     var hasil = parseInt(this.state.angka1) - parseInt(this.state.angka2);
24     this.setState({ result: ""+hasil });
25   }
26   funcAdd = (val) => {
27     var hasil = parseInt(this.state.angka1) + parseInt(this.state.angka2);
28     this.setState({ result: ""+hasil });
29   }
30 }
```



```
28     this.setState({ result: ""+hasil });
29   }
30
31   render() {
32     return (
33       <div>
34         <h1>Simple Calculator ReactJS</h1>
35         Input 1: <input value={this.state.angka1} onChange={(e) => {this.setValue1(e.target.value)}} />
36         <br/>
37         Input 2: <input value={this.state.angka2} onChange={(e) => {this.setValue2(e.target.value)}} />
38         <h1>Result: {this.state.result}</h1>
39         <button onClick={this.funcMultiply}>Multiply</button>
40         <button onClick={this.funcDivide}>Division</button>
41         <button onClick={this.funcSubtract}>Subtract</button>
42         <button onClick={this.funcAdd}>Addition</button>
43       </div>
44     );
45   }
46 }
47
48 ReactDOM.render(<Header />, document.getElementById("app"));
```

Jika mau run harus masuk ke cmd dan ketik “live-server” pada file yang disimpan.

Dan ini hasilnya :



Ini adalah tampilan login

Yang harus dibuat pertama yaitu folder yang akan berisi file Greetings.js, index.html, index.js, login.js.

Dibawah ini adalah code dari index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>CSS test</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<script src="https://unpkg.com/react@16/umd/react.production.min.js"></script>
<script src="https://unpkg.com/react-dom@16/umd/react-dom.production.min.js"></script>
<script src="https://unpkg.com/babel-standalone@6.15.0/babel.min.js"></script>
<script src="/Greetings.js" type="text/babel"></script>
<script src="/Login.js" type="text/babel"></script>
<script src="/index.js" type="text/babel"></script>
</head>
<body>
<div id="app"></div>
</body>
</html>
```

Dan ini adalah greetings.js

```
function UserGreeting (props) {
  return <h1>Welcome back!</h1>;
}

function GuestGreeting (props) {
  return <h1>Please sign up.</h1>;
}

// choose greetings
function Greeting (props) {
  const isLoggedIn= props.isLoggedIn;
  if (isLoggedIn) {
    return <UserGreeting />;
  }
  return <GuestGreeting />;
}
```

Ini adalah Login.js

```
function LoginButton (props) {  
  return (  
    <button onClick={props.onClick}>  
      Login  
    </button>  
  );  
}  
  
function LogoutButton (props) {  
  return (  
    <button onClick={props.onClick}>  
      Logout </button>  
  );  
}
```

Dan terakhir ini adalah index.js

```
class LoginControl extends React.Component {
  constructor(props) {
    super(props);
    this.handleLoginClick = this.handleLoginClick.bind(this);
    this.handleLogoutClick = this.handleLogoutClick.bind(this);
    this.state = {isLoggedIn: false}; //private data
  }
  handleLoginClick() {
    this.setState({isLoggedIn: true});
  }
  handleLogoutClick() {
    this.setState({isLoggedIn: false});
  }
  render() {
    const isLoggedIn = this.state.isLoggedIn;
    let button;
    if (isLoggedIn) {
      button = <LogoutButton onClick={this.handleLogoutClick} />;
    } else {
      button = <LoginButton onClick= {this.handleLoginClick} />;
    }
    return (
      <div>
        <Greeting isLoggedIn={isLoggedIn} />
        {button}
      </div>
    );
  }
}

ReactDOM.render(<LoginControl />, document.getElementById("app"));
```

Ini adalah hasilnya.

Please sign up.

Login

