App Components

Agenda

Reusable components

Directory and File Organisation

App components

Reusable components

```
var myModule = angular.module('myModule', []);
myModule.component('userData', {
    template: '<p>Hello, {{ $ctrl.user.name }} !</p>',
    controller: function() { this.user = {name: 'George' }; }
});
```

In HTML document (app view):

```
<user-data></user-data>
```

[Components](#)

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External template

Reusable components

```
var myModule = angular.module('myModule', []);
myModule.component('userData', {
    templateUrl: 'user-data/user-data.template.html',
    controller: function() { this.user = {name: 'George' }; }
});
```

In HTML document (app view):

```
<user-data></user-data>
```

[Components](#)

[Understanding Components](#)

Directory and File Organisation

```
app/

    index.html
    app.module.js

    exchange-table/
        exchange-table.module.js
        exchange-table.component.js
        exchange-table.template.html
```

app/app.module.js
```
angular.module('myApp', [
    'exchange-table'
]);
```

app/exchange-table/exchange-table.module.js
```
angular.module(exchangeTable', []);
```

app/exchange-table/exchange-table.component.js
```
angular.
  module('exchangeTable').
  component('exchangeTable', {...});
```

To do

Calculate BMI

1. Create a program to calculate BMI (Body Mass Index).

2. To enter the weight and height and calculate the result, create a separate component.

3. Put the directive In your HTML main document.

Display currency exchange rates table

1. Create a program to display currency exchange rates (NBP API web service)

2. Place the whole table as a separate component.

3. Put the directive In your HTML main document.