index.html   app.js

Lecture12
  > images
    angular.min.js
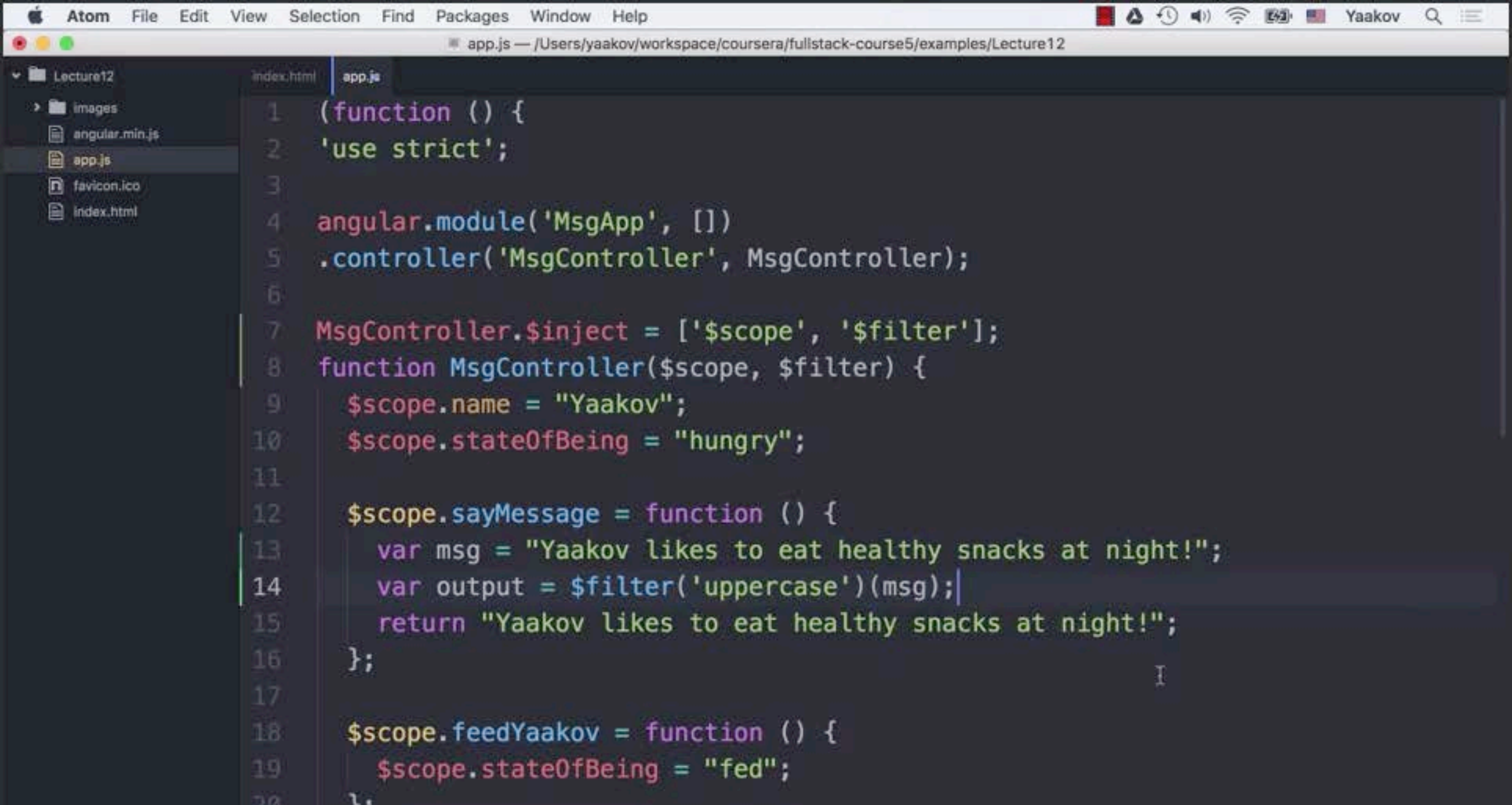   app.js
    favicon.ico
    index.html

```javascript
1   (function () {
2   'use strict';
3
4   angular.module('MsgApp', [])
5   .controller('MsgController', MsgController);
6
7   MsgController.$inject = ['$scope'];
8   function MsgController($scope) {
9     $scope.name = "Yaakov";
10    $scope.stateOfBeing = "hungry";
11
12    $scope.sayMessage = function () {
13      return "Yaakov likes to eat healthy snacks at night!";
14    };
15
16    $scope.feedYaakov = function () {
17      $scope.stateOfBeing = "fed";
18    };
19  }
```

Filters

Yaakov has a message for you:
Yaakov likes to eat healthy snacks at night!

Feed Yaakov

Lecture12
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angular.min.js
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Filters

Yaakov has a message for you:
YAAKOV LIKES TO EAT HEALTHY SNACKS AT NIGHT!

Feed Yaakov

ANGULARJS   Home   Learn ▾   **Develop** ▾   Discuss ▾   Q Click or press / to search

v1.5.8-build.4928 (snapshot▾)   / **Developer Guide** / **Filters**

Introduction
Conceptual Overview
External Resources
Data Binding
Controllers
Services
Scopes
Dependency Injection
Templates
Expressions
Interpolation
Filters
Forms
Directives
Components
Component Router
Animations

Filters

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Filters format the value of an expression for display to the user. They can be used in view templates, controllers or services. Angular comes with a collection of built-in filters, but it is easy to define your own as well.

The underlying API is the `$filterProvider`.

Using filters in view templates

Filters can be applied to expressions in view templates using the following syntax:

```
{{ expression | filter }}
```

E.g. the markup `{{ 12 | currency }}` formats the number 12 as a currency using the `currency` filter. The resulting value is `$12.00`.

ANGULARJS

Home   Learn ▾   **Develop ▾**   Discuss ▾

Q Click or press / to search

v1.5.8-build.4928 (snapshot▾   / Developer Guide / Filters

Introduction
Conceptual Overview
External Resources
Data Binding
Controllers
Services
Scopes
Dependency Injection
Templates
Expressions
Interpolation
Filters
Forms
Directives
Components
Component Router
Animations
Modules

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Filters ✕   AngularJS: API: filter comp ✕

🔒 https://docs.angularjs.org/api/ng/filter

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Home   Learn ▾   **Develop ▾**   Discuss ▾

🔍 Click or press / to search

v1.5.8-build.4928 (snapshot▾   / API Reference / ng / filter components in ng

function

angular.bind
angular.bootstrap
angular.copy
angular.element
angular.equals
angular.extend
angular.forEach
angular.fromJson
angular.identity
angular.injector
angular.isArray
angular.isDate
angular.isDefined
angular.isElement
angular.isFunction
angular.isNumber

Name	Description
filter	Selects a subset of items from `array` and returns it as a new array.
currency	Formats a number as a currency (ie $1,234.56). When no currency symbol is provided, default symbol for current locale is used.
number	Formats a number as text.
date	Formats `date` to a string based on the requested `format`.
json	Allows you to convert a JavaScript object into JSON string.
lowercase	Converts string to lowercase.
uppercase	Converts string to uppercase.

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v1.5.8-build.4928 (snapshot▾   / API Reference / ng / filter components in ng / currency

currency
- filter in module ng

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Formats a number as a currency (ie $1,234.56). When no currency symbol is provided, default symbol for current locale is used.

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Usage

In HTML Template Binding

```
{{ currency_expression | currency : symbol : fractionSize}}
```

In JavaScript

ANGULAR JS

Home   Learn ▾   **Develop** ▾   Discuss ▾

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v1.5.8-build.4928 (snapshot▾)   / API Reference / ng / filter components in ng / currency

function

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Usage

In HTML Template Binding

```
{{ currency_expression | currency : symbol : fractionSize}}
```

In JavaScript

```
$filter('currency')(amount, symbol, fractionSize)
```

Arguments

Param	Type	Details
amount	**number**	Input to filter.

Lecture12
> images
  angular.min.js
  app.js
  favicon.ico
  index.html

index.html   app.js

```html
6      <script src="app.js"></script>
7      <style> body { font-size: 1.2em; }</style>
8      <title>Filters</title>
9    </head>
10   <body>
11     <h1>Filters</h1>
12     <div ng-controller='MsgController'>
13        {{name}} has a message for you: <br>
14        {{sayMessage()}}
15        <div>
16          <button ng-click="feedYaakov()">Feed Yaakov</button>
17          Cost: {{ cookieCost | currency }}
18          <br>
19
20          <img ng-src="images/yaakov_{{stateOfBeing}}.png">
21        </div>
22     </div>
23   </body>
24 </html>
```
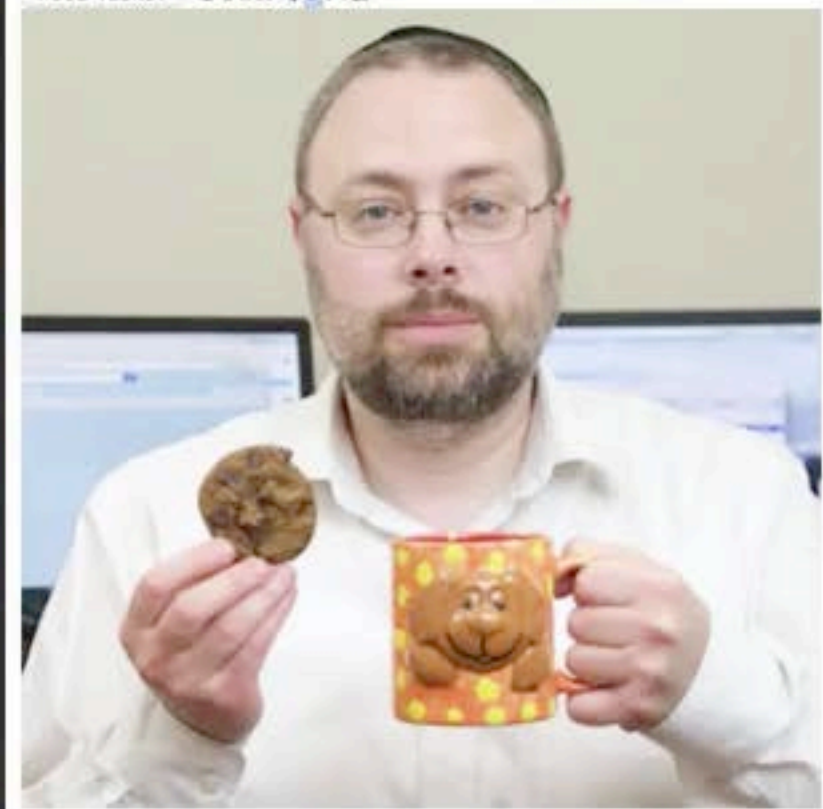
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MsgController.$inject = ['$scope', '$filter'];
function MsgController($scope, $filter) {
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  $scope.sayMessage = function () {
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    var output = $filter('uppercase')(msg);
    return output;
  };


$scope.feedYaakov = function () {
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```

Filters

Yaakov has a message for you:
YAAKOV LIKES TO EAT HEALTHY SNACKS AT NIGHT!

Feed Yaakov   Cost: $0.45

index.html — /Users/yaakov/workspace/coursera/fullstack-course5/examples/Lecture12

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Filters

Yaakov has a message for you:

YAAKOV LIKES TO EAT HEALTHY SNACKS AT NIGHT!

Feed Yaakov   Cost: #blah0.4500