

lowercase FILTER IN ANGULARJS

- The lowercase filter is used to change a string to lowercase string or letters.

Syntax for lowercase filter in AngularJS:

```
{{ expression | lowercase }}
```

Sample coding for lowercase filter in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
  </head>
  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js">
  </script>
  <body>
    <div ng-app="myApp" ng-controller="lcaseCtrl">
      <h2> Wikitechy lowercase filter in AngularJS </h2>
      <h3> The lowercase filter text is : " {{ msg | lowercase}} " </h3>
    </div>
    <script>
      var app = angular.module('myApp', [ ]);
      app.controller('lcaseCtrl', function($scope) {
        $scope.msg = "WELCOME TO ANGULARJS TUTORIALS";
      });
    </script>
  </body>
</html>
```



lowercase Filter in AngularJS:

```
<h3> The lowercase filter text is : " {{ msg | lowercase}} " </h3>
```

- The **msg** string value will be displayed in lowercase format.

Data:

- Collection of data has been defined in AngularJS Application.

```
msg = "WELCOME TO ANGULARJS TUTORIALS";
```

Logic:

- [Controller](#) logic for the AngularJS Application.

```
app.controller('lcaseCtrl', function($scope)
{
    $scope.msg = "WELCOME TO ANGULARJS TUTORIALS";
});
```

HTML:

- Viewable HTML contents in AngularJS Application.

```
<div ng-app="myApp" ng-controller="lcaseCtrl">
    <h2> Wikitechy lowercase filter in AngularJS </h2>
    <h3> The lowercase filter text is : " {{ msg | lowercase}} " </h3>
</div>
```

Code Explanation for lowercase filter in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
  </head>
  <script
1 ← src="https://ajax.googleapis.com/ajax/libs/
    angularjs/1.5.6/angular.min.js"
  </script>
2 ←
  <body>
3 ←
    <div ng-app="myApp" ng-controller="lcaseCtrl">
4 ←
      <h1>Wikitechy lowercase filter in AngularJS </h1>
      <h3> The lowercase filter text is : " {{msg | lowercase }} " </h3>
    </div>
    <script>
5 ←
6 ←
      var app = angular.module('myApp', []);
      app.controller('lcaseCtrl', function($scope) {
          $scope.msg = "WELCOME TO ANGULARJS TUTORIALS";
7 ←
      });
    </script>
  </body>
</html>
```

1. AngularJS is distributed as a JavaScript file, and can be added to a HTML page with a [<script>](#) tag.
2. The AngularJS application is defined by [ng-app="myApp"](#). The application runs inside the [<div>](#) tag. It's also used to define a [<div>](#) tag as a root element.
3. The [ng-controller="lcaseCtrl"](#) is an AngularJS directive. It is used to define a controller name as **"lcaseCtrl"**.
4. The **lowercase** filter is used to change an **msg** string to lowercase.
5. The [angular.module](#) function is used to create a Module.



6. Here we have declared a controller **lcaseCtrl** module using **apps.controller()** function. The value of the controller modules is stored in scope object. In AngularJS, **\$scope** is passed as first argument to **apps.controller** during its constructor definition.
7. Here we have set the value of **\$scope.msg = "WELCOME TO ANGULARJS TUTORIALS"** which are to be used to change a string to lowercase in HTML element.

Sample Output for lowercase filter in AngularJS:



1. The output shows that a **lowercase** filter is used to change a string **"WELCOME TO ANGULARJS TUTORIALS"** to lowercase letter **"welcome to angularjs tutorials"**.