

## Practical 7

**Exercise:-** Create an application using Filters (uppercase, lowercase, filter filter, orderby)

**Program:-** uppercase , lowercase filter

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- <script
src="https://ajax.googleapis.com/ajax/libs/d3js/7.8.5/d3.min.js"></script> -->
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/angular.js/1.8.3/angular.min.js"></script>

  <title>Document</title>
</head>
<body>
  <div ng-app="" >

    <h1>Name: <input type="text" ng-model="name"></h1>
    <H1>Output : {{ name | uppercase }}</H1>
    <h1>Output : {{ name | lowercase }}</h1>

    <h1>Currency: <input type="text" ng-model="cur"></h1>
    <h1>In Dolar : {{ cur | currency }}</h1>

</body>
</html>
```

**Output:-**



← ↻ ⓘ File D:/MCA/WT/ANGULAR%20JS/angularFirst/filter.html

**Name:**

**Output : ANGULAR JS FILTERT 2**

**Output : angular js filtert 2**

**Currency:**

**In Dolar : \$100.00**

## Program:- filter filter

### filter.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- <script
src="https://ajax.googleapis.com/ajax/libs/d3js/7.8.5/d3.min.js"></script> -->
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/angular.js/1.8.3/angular.min.js"></script>
  <!-- <script src="/angular.min.js"></script> -->
  <script src="/filterJS.js"></script>
  <title>Document</title>
</head>
<body>
  <div ng-app="firstapp" ng-controller="firstCTR">

    <h1>Apply Filter: <input type="text" ng-model="test"></h1>
    <li ng-repeat="x in colors | filter:test">
      {{x}}
    </li>
  </div>
</body>
</html>
```

### filter.js

```
var app=angular.module('firstapp',[]).controller('firstCTR',function($scope){
  $scope.colors=[
    'red',
    'blue',
    'green',
    'yellow',
    'pink',
    'orange',
    'purple'
  ];
})
```

## Output:-

### Before Any Filter



A screenshot of a web browser window. The address bar shows the file path 'D:/MCA/WT/ANGULAR%20JS/Filter/filter.html'. The page content includes a heading 'Apply Filter:' followed by an empty text input field. Below the input field is a bulleted list of colors: red, blue, green, yellow, pink, orange, and purple.

Apply Filter:

- red
- blue
- green
- yellow
- pink
- orange
- purple

### After Applying Filter ('l')



A screenshot of a web browser window. The address bar shows the file path 'D:/MCA/WT/ANGULAR%20JS/Filter/filter.html'. The page content includes a heading 'Apply Filter:' followed by a text input field containing the letter 'l'. Below the input field is a bulleted list of colors: blue, yellow, and purple.

Apply Filter:

- blue
- yellow
- purple

### After Applying Filter ('e')



A screenshot of a web browser window. The address bar shows the file path 'D:/MCA/WT/ANGULAR%20JS/Filter/filter.html'. The page content includes a heading 'Apply Filter:' followed by a text input field containing the letter 'e'. Below the input field is a bulleted list of colors: red, blue, green, yellow, orange, and purple.

Apply Filter:

- red
- blue
- green
- yellow
- orange
- purple

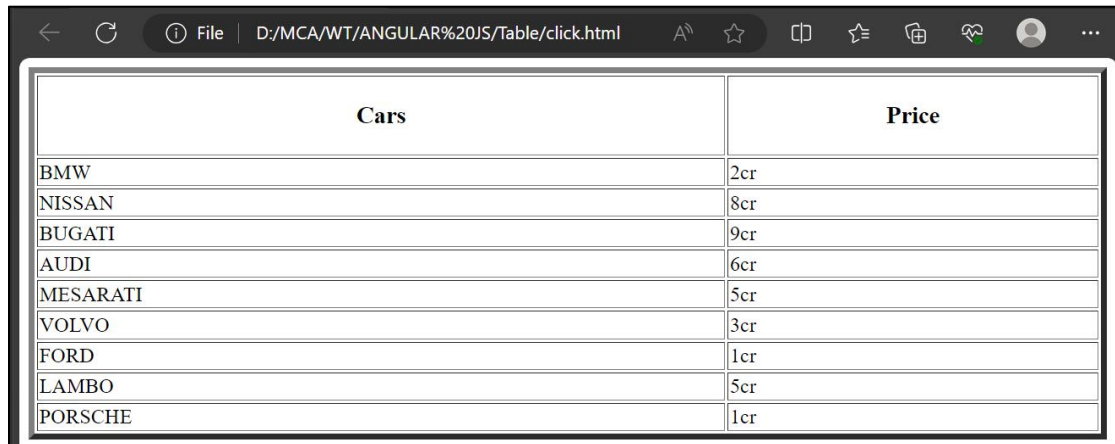
## Program:- orderBy filter

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- <script
src="https://ajax.googleapis.com/ajax/libs/d3js/7.8.5/d3.min.js"></script> -->
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/angular.js/1.8.3/angular.min.js"></script>
  <!-- <script src="/angular.min.js"></script> -->

  <title>Document</title>
</head>
<body>
  <div ng-app="ap1" ng-controller="CTR1">
    <table border="5" width="100%">
      <tr>
        <th ng-click="orderByMe('cars')"><h3>Cars</h3></th>
        <th ng-click="orderByMe('price')"><h3>Price</h3></th>
      </tr>
      <tr ng-repeat="x in names | orderBy:myOrder">
        <td>{{x.cars}}</td>
        <td>{{x.price}}</td>
      </tr>
    </table>
  </div>
  <script>
    angular.module('ap1', []).controller('CTR1', function($scope) {
      $scope.names = [
        {cars: 'BMW', price: '2cr'},
        {cars: 'NISSAN', price: '8cr'},
        {cars: 'BUGATTI', price: '9cr'},
        {cars: 'AUDI', price: '6cr'},
        {cars: 'MESARATI', price: '5cr'},
        {cars: 'VOLVO', price: '3cr'},
        {cars: 'FORD', price: '1cr'},
        {cars: 'LAMBO', price: '5cr'},
        {cars: 'PORSCHKE', price: '1cr'}
      ];
      $scope.orderByMe = function(x) {
        $scope.myOrder = x;
      }
    })
  </script>
</body>
</html>
```

## Output:-

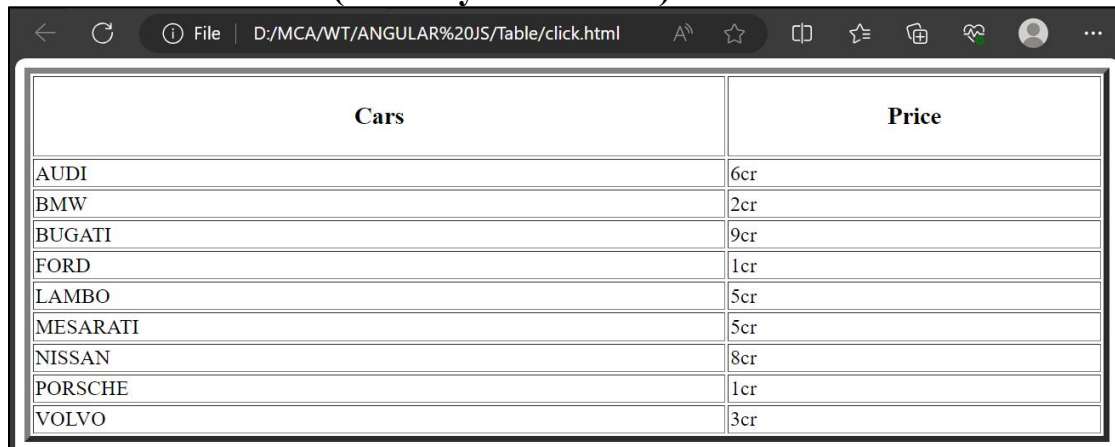
### Before Click on Cars and Price



A screenshot of a web browser window displaying a table. The browser's address bar shows the file path 'D:/MCA/WT/ANGULAR%20JS/Table/click.html'. The table has two columns: 'Cars' and 'Price'. The data is as follows:

Cars	Price
BMW	2cr
NISSAN	8cr
BUGATI	9cr
AUDI	6cr
MESARATI	5cr
VOLVO	3cr
FORD	1cr
LAMBO	5cr
PORSCHE	1cr

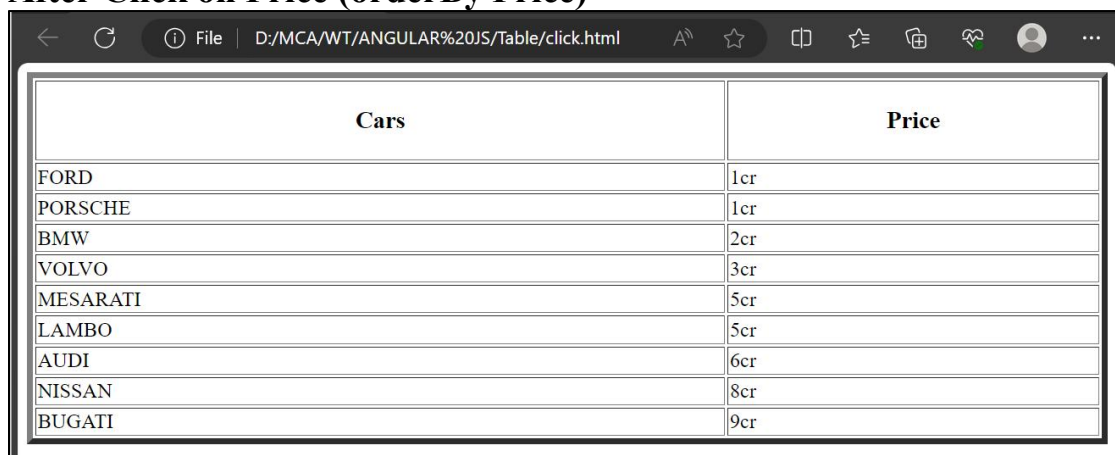
### After Click on Cars (orderBy Cars name)



A screenshot of a web browser window displaying a table with car names and prices, sorted by car name. The browser's address bar shows the file path 'D:/MCA/WT/ANGULAR%20JS/Table/click.html'. The table has two columns: 'Cars' and 'Price'. The data is as follows:

Cars	Price
AUDI	6cr
BMW	2cr
BUGATI	9cr
FORD	1cr
LAMBO	5cr
MESARATI	5cr
NISSAN	8cr
PORSCHE	1cr
VOLVO	3cr

### After Click on Price (orderBy Price)



A screenshot of a web browser window displaying a table with car names and prices, sorted by price. The browser's address bar shows the file path 'D:/MCA/WT/ANGULAR%20JS/Table/click.html'. The table has two columns: 'Cars' and 'Price'. The data is as follows:

Cars	Price
FORD	1cr
PORSCHE	1cr
BMW	2cr
VOLVO	3cr
MESARATI	5cr
LAMBO	5cr
AUDI	6cr
NISSAN	8cr
BUGATI	9cr