

Practical No. 7

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

Implementation:

Program:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>AngularJS Example</title>
  <!-- Include AngularJS library -->
  <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
</head>
<body>
<!-- AngularJS application and controller for the first example -->
<div ng-app="">

  <!-- Input field for entering a name -->
  <input type="text" ng-model="name" placeholder="Enter Your Name"><br>
  <!-- Display the uppercase version of the entered name -->
  <h1>Output: {{name | uppercase}}</h1>
  <!-- Display the lowercase version of the entered name -->
  <h1>Output: {{name | lowercase}}</h1><br>
  <!-- Input field and output for currency formatting -->
  <input type="text" ng-model="amount" placeholder="Enter Amount"><br>
  <h1>Output: {{amount | currency}}</h1><br>
</div>
</body>
</html>
```

Output:

127.0.0.1:5500/MCA-Web-main/Angular-Js/filtersConvector.html

Onkar Rajan Malawade

Output: ONKAR RAJAN MALAWADE

20000

Output: \$20,000.00

Program:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <!-- Define the character set and viewport settings for the document -->
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <!-- Include the AngularJS library -->
  <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>

  <!-- Set the title of the document -->
  <title>Document</title>
</head>

<body>
  <!-- Introduction text -->
  <p>
    Click on the Headers of the Table to sort them.
  </p>

  <!-- AngularJS application and controller -->
  <div ng-app="ap1" ng-controller="ctrl">
    <!-- Table with headers and dynamic data binding -->
    <table border="2px solid black" width="100%">
      <!-- Table headers with ng-click to trigger sorting -->
      <tr>
        <th ng-click="orderByMe('name')">Name</th>
        <th ng-click="orderByMe('city')">City</th>
      </tr>

      <!-- Table rows with ng-repeat to iterate over data and orderBy filter for
sorting -->
      <tr ng-repeat="x in names | orderBy:myOrderBy">
        <!-- Displaying data in each cell -->
        <td> {{x.name}} </td>
        <td> {{x.city}} </td>
      </tr>
    </table>
  </div>

  <!-- AngularJS script to define the module, controller, and data -->
  <script>
    angular.module('ap1', []).controller('ctrl', ($scope) => {
      // Sample data for the table
      $scope.names = [{
        name: 'Onkar',
        city: 'USA'
      }, {
        name: 'Atharav',
        city: 'Dubai'
      }, {
        name: 'Raju',
```

```

        city: 'Ulhasnagar'
    }, {
        name: 'Rahul',
        city: 'Phonda'
    }, {
        name: 'Suresh',
        city: 'Goa'
    }, {
        name: 'Naresh',
        city: 'Uk'
    }, {
        name: 'Ramesh',
        city: 'UP'
    }, {
        name: 'Paresh',
        city: 'Nagaland'
    }, {
        name: 'Jignesh',
        city: 'Pune'
    }
    ]];

    // Function to set the sorting order
    $scope.orderByMe = function (x) {
        $scope.myOrderBy = x;
    }
    });
</script>
</body>

</html>

```

Output:

Click on the Headers of the Table to sort them.

Name	City
Onkar	USA
Atharav	Dubai
Raju	Ulhasnagar
Rahul	Phonda
Suresh	Goa
Naresh	Uk
Ramesh	UP
Paresh	Nagaland
Jignesh	Pune