```html
<!DOCTYPE html>

<html>

<script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>

<body>


<ul ng-app="myApp" ng-controller="namesCtrl">

<li ng-repeat="x in names">

  {{x | myFormat}}

</li>

</ul>


<script>

var app = angular.module('myApp', []);

app.filter('myFormat', function() {

  return function(x) {

    var i, c, txt = "";

    for (i = 0; i < x.length; i++) {

      c = x[i];

      if (i % 2 == 0) {

        c = c.toUpperCase();

      }

      txt += c;

    }

    return txt;
```

```
        };
    });

    app.controller('namesCtrl', function($scope) {
        $scope.names = [
            'Jani',
            'Carl',
            'Margareth',
            'Hege',
            'Joe',
            'Gustav',
            'Birgit',
            'Mary',
            'Kai'
            ];
    });
</script>


<p>Make your own filters.</p>

<p>This filter, called "myFormat", will uppercase every other character.</p>

</body>

</html>
```