

ng-repeat DIRECTIVE IN ANGULARJS

- The ng-repeat directive is used to clones a HTML element loop for each item in a collection.
- The collection should be an object or array.
- The ng-repeat directive especially suitable for ordered list, unordered-list or HTML table.

Syntax for ng-repeat Directive in AngularJS:

```
<element ng-repeat="(key, value) in myObj "> .....</element>
```

Parameter Values:

Value	Description
<code>(key, value) in myObj</code>	Angular relies on the order returned by the browser when running for key in myObj

Sample code for ng-repeat Directive in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js">
    </script>
  </head>
  <body>
    <div ng-app=" myApp" ng-controller=" repeatCtrl" >
      <h2>Wikitechy Tutorials list </h2>
      <ul>
        <li ng-repeat=" data in list" > {{data}} </li>
      </ul>
    </div>
    <script >
      var app = angular.module("myApp ", []);
      app.controller("repeatCtrl", function($scope) {
        $scope.list = [
          "HTML",
          "PHP",
          "CSS",
          "JAVA",
        ]
      });
    </script>
  </body>
</html>
```

Data:

- Collection of data has been defined using array for our AngularJS Application.

```
list = [  
  "HTML",  
  "PHP",  
  "CSS",  
  "JAVA",  
]
```

HTML:

- Viewable HTML contents in AngularJS Application.

```
<div ng-app=" myApp" ng-controller=" repeatCtrl" >  
  <h2>Wikitechy Tutorials list </h2>  
  <ul>  
    <li ng-repeat=" data in list" > {{data}} </li>  
  </ul>  
</div>
```

Logic:

- Controller logic for the AngularJS application.

```
app.controller("repeatCtrl", function($scope) {  
    $scope.list = [  
        "HTML",  
        "PHP",  
        "CSS",  
        "JAVA",  
    ]  
});
```



Code Explanation for ng-repeat Directive in AngularJS:

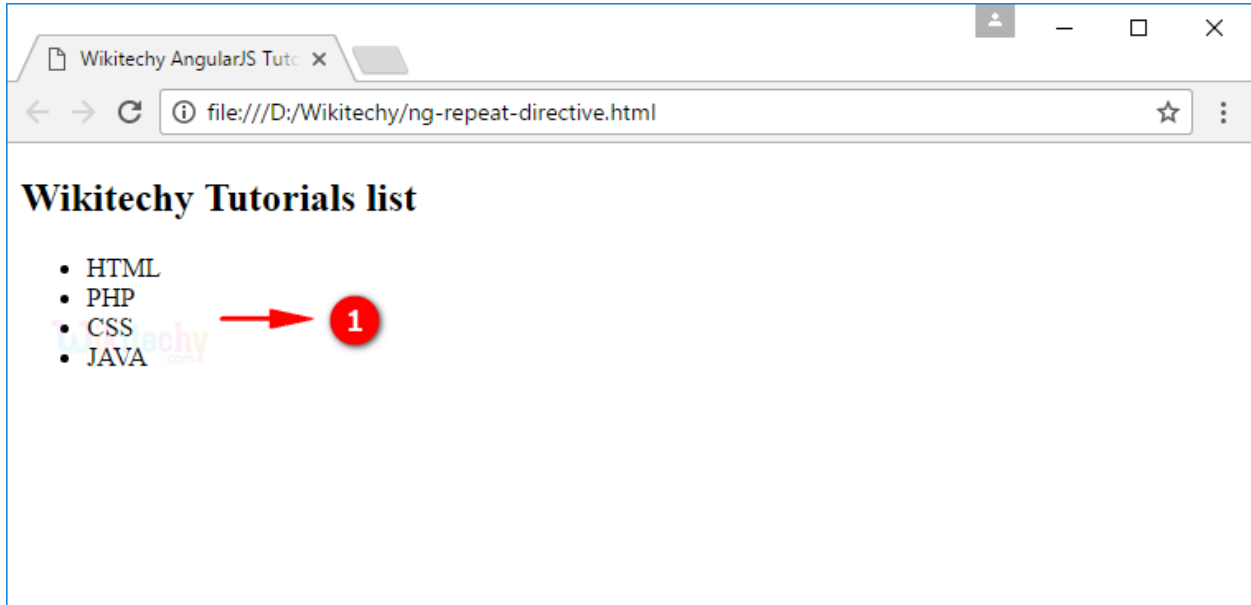
```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    <script src="https://ajax.googleapis.
      com/ajax/libs/angularjs/1.5.6/angular.min.js"> </script>
  </head>
  <body>
    <div ng-app="myApp" ng-controller="repeatCtrl" >
      <h2>Wikitechy Tutorials list </h2>
      <ul>
        <li ng-repeat="data in list" > {{data}} </li>
      </ul>
    </div>
    <script >
      var app = angular.module("myApp", []);
      app.controller("repeatCtrl", function($scope) {
        $scope.list = [
          "HTML",
          "PHP",
          "CSS",
          "JAVA",
        ]
      });
    </script>
  </body>
</html>
```

1. The **ng-app** specifies the root element (<div>) to define AngularJS application.
2. The **ng-controller** is a directive to control the AngularJS Application.
3. The **ng-repeat** is used to repeat the tag for each **data** in the **list**.
4. The **angular.module** used to create an Application module.
5. The **app.controller** controls the Application module.



6. The **\$scope.list** is a collection of data stored as array in the \$scope object.

Sample Output for ng-repeat Directive in AngularJS:



1. The output displays list of tutorials by using **ng-repeat** Directive.