TABLES IN ANGULARJS

- The AngularJS provides many advanced features to table.
- We can get the data from the json file as well as we can design the table.
- We can filter the collection of data, Angular JS supports sorting.
- $index is also used in tables for indexing number for the data.
- We can set the CSS properties for odd and even rows individually with different styles using AngularJS.

Syntax for table in AngularJS:

```
<table>
    <tr ng-repeat="x in content">
        <td>{{x.value1}}</td>
        <td>{{x.value2}}</td>
    </tr>
</table>
```

Sample code for table 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="tableCtrl" >
        <h3>Wikitechy table with JSON in AngularJS</h3>
        <table border="1">
            <tr>
                <th>S.No</th>
                <th>ID</th>
                <th>Name</th>
                <th>Country</th>
            </tr>
            <tr ng-repeat="x in content | orderby : 'name'" >
                <td>{{$index+1}}</td>
                <td>{{x.id}}</td>
                <td>{{x.name}}</td>
                <td>{{x.country}}</td>
            </tr>
        </table>
    </div>
    <script>
        var app = angular.module("myApp", []);
        app.controller("tableCtrl", function($scope, $http) {
            $http.get("my-json.json")
            .then(function (response) {
                $scope.content =response.data.records;
            });
        });
    </script>
</body>
</html>
```


Data:

- Set of data has been used in our AngularJS Application.

```
content =response.data.records;
```

HTML:

- Viewable HTML contents in AngularJS Application.

```
<div ng-app="myApp" ng-controller="timeCtrl" >
    <h3>Wikitechy table with JSON in AngularJS</h3>
    <table border="1">
        <tr>
            <th>S.No</th>
            <th>ID</th>
            <th>Name</th>
            <th>Country</th>
        </tr>
        <tr ng-repeat="x in content | orderby : 'name'" >
            <td>{{$index+1}}</td>
            <td>{{x.id}}</td>
            <td>{{x.name}}</td>
            <td>{{x.country}}</td>
        </tr>
    </table>
</div>
```


Logic:

- Controller logic for the AngularJS application.

```
app.controller("tableCtrl", function($scope, $interval) {
    $http.get("my-json.json")
    .then(function (response) {
        $scope.content =response.data.records;
    });
});
```

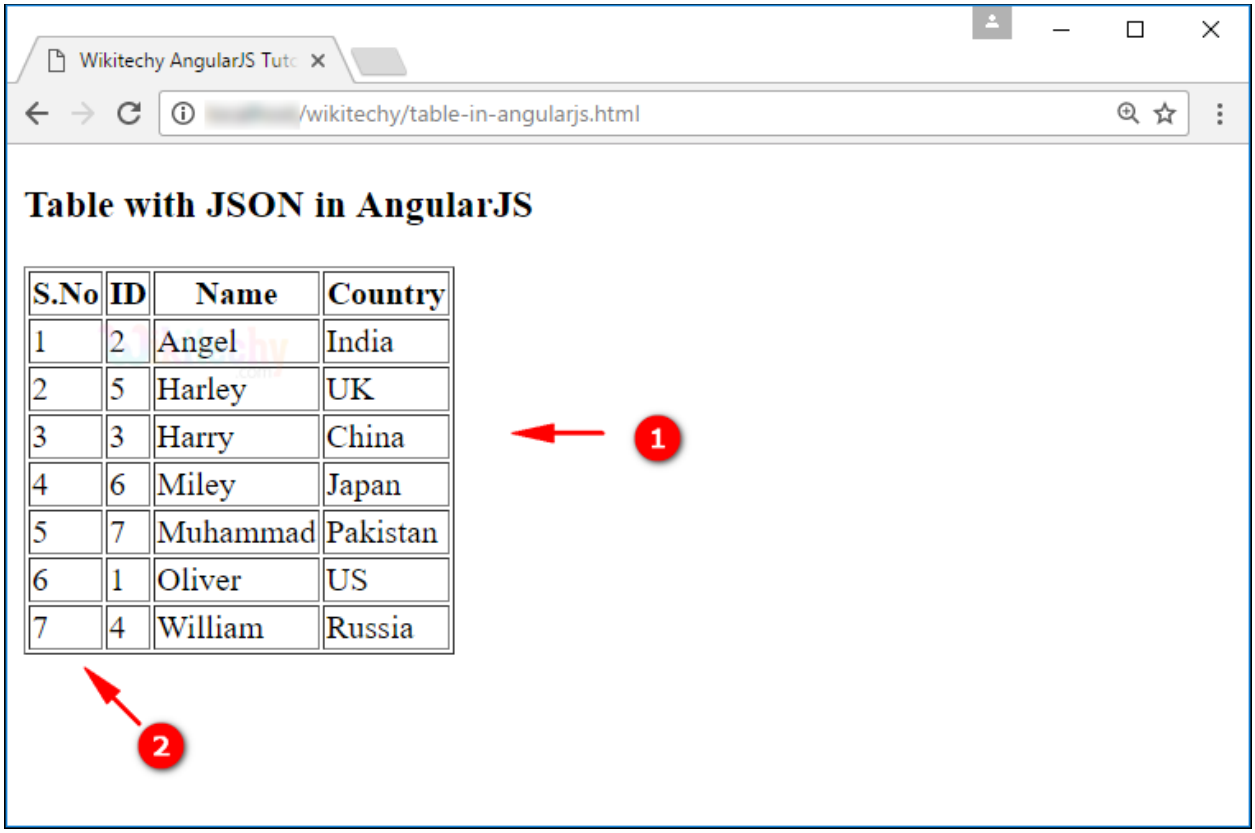

Code Explanation for Table with JSON in AngularJS:

```
<!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="tableCtrl">
      <h3>Table with JSON in AngularJS</h3>
      <table border="1">
        <tr>
          <th>S.No</th>
          <th>ID</th>
          <th>Name</th>
          <th>Country</th>
        </tr>
        <tr ng-repeat="x in content | orderBy : 'name'">
          <td>{{$index+1}}</td>
          <td>{{x.id}}</td>
          <td>{{x.name}}</td>
          <td>{{x.country}}</td>
        </tr>
      </table>
    </div>
    <script>
      var app = angular.module("myApp", []);
      app.controller("tableCtrl", function($scope, $http) {
        $http.get("my-json.json")
        .then(function(response) {
          $scope.content = response.data.records;
        });
      });
    </script>
  </body>
</html>
```

1. The ng-controller is a directive to control the AngularJS Application.

2. The <table> is used to display the table in our application with border.
3. The ng-repeat is used to repeat the row like a loop for each data in the **content**.
4. The orderBy is a filter that is used to order the table rows by the '**name'** field in ascending order.
5. The **$index** is used as iterator for indexing number.
6. These **id, name and country** are displayed for each rows.
7. The "**tableCtrl**" used to create the controller for the Application with arguments $scope object and $http service**.**
8. The **$http.get** is used to get the contents from the **"my-json.json"** file.
9. The **$scope.content** has the data from the file.

Sample Output for $interval Service in AngularJS:



1. The **$index** value increment has been displayed as **S.No**.
2. The content of the JSON File has been designed in a table format.

