json FILTER IN ANGULARJS

- The json filter is used to convert a JavaScript object into a JSON string.
- Mostly the json filter is useful for debugging an application.
- The binding is automatically converted to JSON when the user using double curly braces **{{ }}.**

Syntax for json filter in AngularJS:

```
{{ object | json : spacing }}
```

Parameter value for json filter in AngularJS:

Value	Type	Description
spacing	number	The spacing is an optional value. This is used to specify the number of spaces to use per indentation. The default value of spacing is 2.

Sample coding for json filter in AngularJS:

```
<!DOCTYPE html>
  <html>
      <head>
          <title>Wikitechy AngularJS Tutorials</title>
      </head>
          <script
          src="https://ajax.googleapis.com/ajax/libs/
          angularjs/1.5.6/angular.min.js">
          </script>
      <body>
          <div ng-app="myApp" ng-controller="jsonCtrl">
          <h2> Wikitechy json filter in AngularJS </h2>
              <pre>{{ flowers | json : 5 }} </pre>
          </div>
          <script>
              var app = angular.module('myApp', [ ] );
              app.controller('jsonCtrl', function($scope) {
                $scope.flowers = ["Lily", "Rose", "Jasmine","Poppy"];
              });
          </script>
      </body>
</html>
```

json Filter in AngularJS

```
          <pre>{{ flowers | json : 5 }} </pre>
```

- The flowers array item will be displays in **json** format with **"5"** space indentation.

Data:

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

```
Lily,

Rose,

Jasmine,

Poppy
```

Logic:

- Controller logic for the AngularJS Application.

```
app.controller('jsonCtrl', function($scope)
                        {
                            $scope.flowers = ["Lily", "Rose", "Jasmine","Poppy"];
                         });
```

HTML:

- Viewable HTML contents in AngularJS Application.

```
<div ng-app="myApp" ng-controller="jsonCtrl">
<h2> Wikitechy json filter in AngularJS </h2>
        <pre> {{ flowers | json : 5 }} </pre>
</div>
```

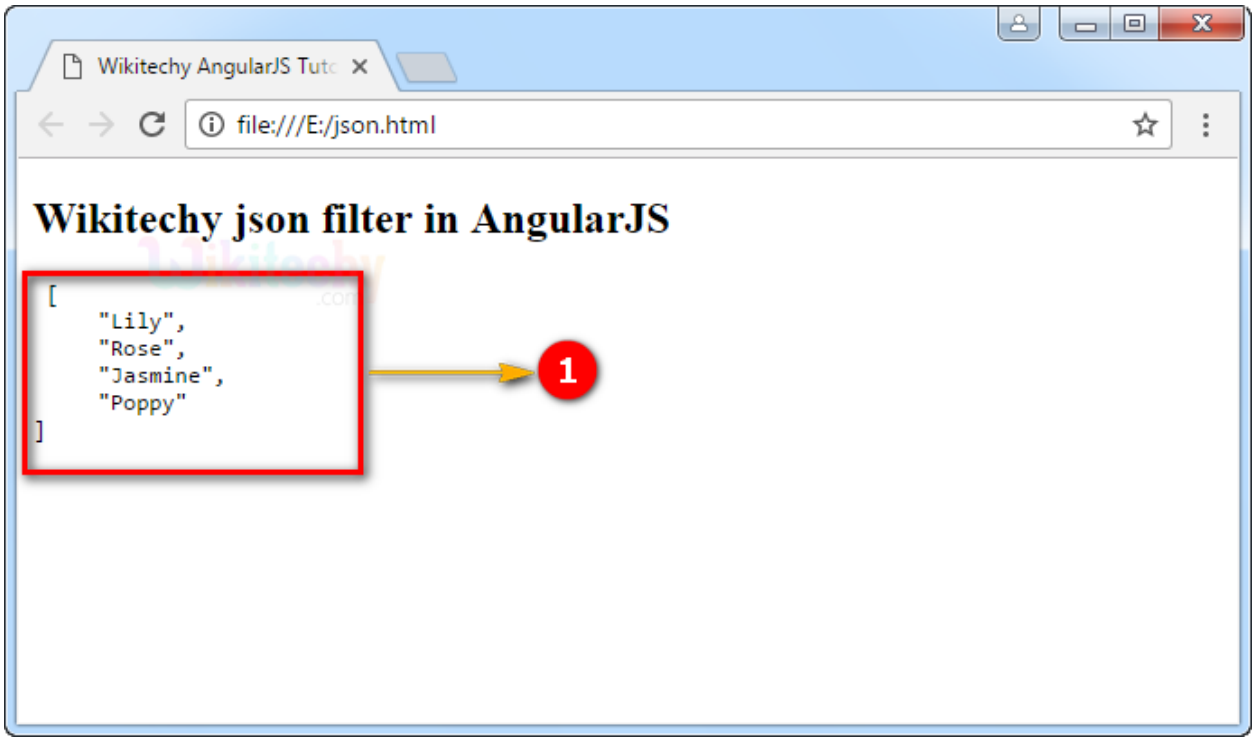

Code Explanation for json filter in AngularJS

```
<!DOCTYPE html>
<html>
    <head>
        <title>Wikitechy AngularJS Tutorials</title>
    </head>
        <script
        src="https://ajax.googleapis.com/ajax/libs/
        angularjs/1.5.6/angular.min.js">
        </script>
    <body>
        <div ng-app="myApp" ng-controller="jsonCtrl">
        <h2> Wikitechy json filter in AngularJS </h2>
            <pre> {{ flowers | json : 5 }}</pre>
        </div>
        <script>
            var app = angular.module('myApp', []);
            app.controller('jsonCtrl', function($scope) {
                $scope.flowers = ["Lily", "Rose", "Jasmine","Poppy"];
            });
        </script>
    </body>
</html>
```

1. AngularJS is distributed as a JavaScript file, and can be added to a HTML page with a <script> tag.
2. The AngularJS application is defined by **ng-app="myApp".** The application runs inside the ** ** tag. It's also used to define a ** ** tag as a root element.
3. The **ng-controller="jsonCtrl"** is an AngularJS directive. It is used to define a controller name as **"jsonCtrl".**
4. The **json** filter is used to convert a JavaScript object into a JSON string with 5 space indentation.

5. The **angular.module** function is used to create an Module. We have passed an empty array to it.
6. Here we have declared a controller **jsonCtrl** module using **apps.controller()** function.
7. The value of the controller modules is stored in scope object. In AngularJS, **$scope** is passed as first argument to **apps.controller** during its constructor definition.
8. Here we have set the value of **$scope.flower= ["Lily", "Rose", "Jasmine", "Poppy"]** which are to be used to display the **{{ floweres | json : 5 }}** values in the HTML** ** element.

Sample Output for json filter in AngularJS



1. The output shows a JavaScript object into a JSON string format with 5 space indentation.

