

ng-style DIRECTIVE IN ANGULARJS

- The **ng-style** directive in Angularjs is used to define the CSS style attribute for the HTML element.
- The value of the **ng-style** must be an object or an expression which returning an object.
- The **ng-style** object contains CSS properties and values, in key value pair.
- The **ng-style** directive compile at default priority level "0".
- The **ng-style** is supported by all HTML element.

Syntax for ng-style directive in AngularJS:

```
<element ng-style="expression" > </element>
```

Parameter value for ng-style directive in AngularJS:

Value	Description
expression	An expression which returns an object whose keys are CSS name and the values are CSS values.

Sample coding for ng-style 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 ng-app="myApp" ng-controller="styleCtrl" >
    <h2> ng-style Directive in AngularJs Tutorials</h2>
    <h1 ng-style="styleObj" > Welcome To AngularJS Tutorials
    </h1>
    <script>
      var app = angular.module( "myApp" , []);
      app.controller("styleCtrl", function($scope) {
        $scope.styleObj = {
          "color" : "white",
          "background-color" : "orange",
          "font-size" : 40 px
        }
      });
    </script>
  </body>
</html>
```



Code Explanation for ng-style directive in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    1 ← <script src="https://ajax.googleapis.com/ajax/libs/
        angularjs/1.5.6/angular.min.js">
        </script> 2
    </head>
    <body ng-app="myApp" ng-controller="styleCtrl"> 3
      <h2>ng-style Directive in AngularJS Tutorials</h2>
      <h1 ng-style="styleObj">Welcome to AngularJS Tutorials</h1> 4
      <script>
        5
        var app = angular.module("myApp", []);
        6 ← app.controller("styleCtrl", function($scope) {
          $scope.styleObj = {
            "color" : "white",
            "background-color" : "orange", 7
            "font-size" : "40px"
          }
        });
      </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 `<body>` tag. It's also used to define a `<body>` tag as a root element.
3. The `ng-controller="styleCtrl"` is an AngularJS directive. It is used to define a controller name as `"styleCtrl"`.

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4. The **ng-style="styleObj"** is used to specify the CSS style attribute for the **<h1>** HTML element.
 5. The **angular.module** function is used to create a Module.
 6. Here we have declared a controller **styleCtrl** module using **apps.controller()** function. 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.
 7. **\$scope.styleObj={ "color": "white", "background-color": "orange", "font-size" : "40px"}**. Here we have declared an CSS object as **"styleObj"** and set the CSS name and their value.



Sample Output for ng-style directive in AngularJS:



1. The output displays that `<h1>` content as **“Welcome to AngularJS Tutorials”**. And the content is displayed with font color as **white**, background color as **orange** and font size as **40 pixels** by using the **ng-style** directive in `<h1>` element.