

## ng-mouseleave DIRECTIVE IN ANGULARJS

- **ng-mouseleave** directive is used to specify the custom behavior that execute when a mouse cursor leaves the specific HTML element.
- In AngularJS, the **ng-mouseleave** directive will not override the HTML element's original **onmouseleave** event, both will be executed.
- The **ng-mouseleave** directive is compiling at the priority level **"0"** (zero is a default priority level).
- **ng-mouseleave** is supported by all HTML elements.

### Syntax for ng-mouseleave directive in AngularJS:

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

### Parameter value for ng-mouseleave directive in AngularJS:

Value	Description
expression	It is used to define an expression that execute when a mouse cursor leaves an element.



## Sample coding for ng-mouseleave 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="">
    <h2>ng-mouseleave Directive in AngularJS </h2>
    <button ng-mouseleave="count = count + 1" ng-init="count=0">
      Mouse over here! (and leave)
    </button>
    <h3> The mouseleave count: {{ count }} </h3>
  </body>
</html>
```



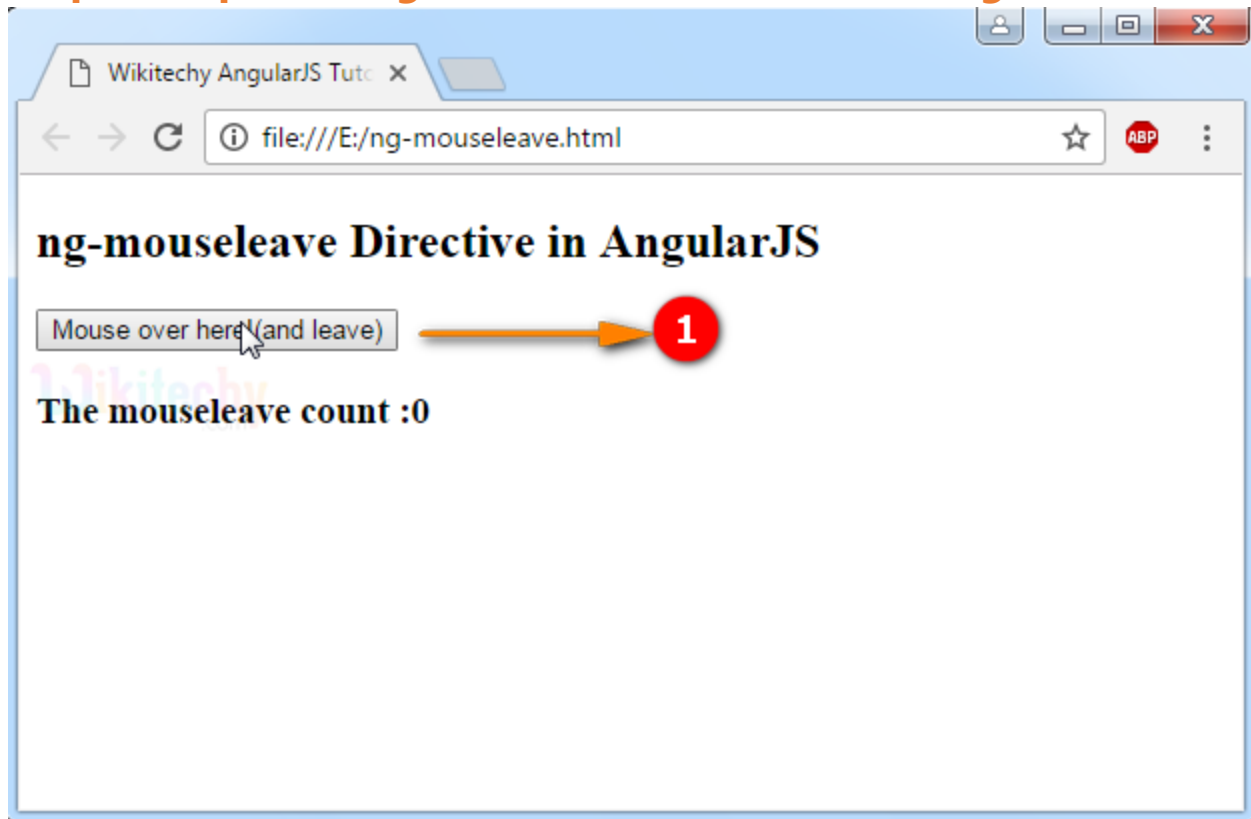
## Code Explanation for ng-mouseleave directive in AngularJS:

```
<!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="" 3
    <h2>ng-mouseleave Directive in AngularJS</h2> 4
    <button ng-mouseleave="count = count + 1" ng-init="count=0">
      Mouse over here!(and leave) 5
    </button>
    <h3>The mouseleave count :{{count}} </h3>
  </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=""`. The application runs inside the `<body>` tag. It's also used to define a `<body>` tag as a root element.
3. The `ng-mouseleave="count=count+1"` is used to increase the count variable by one, every time the mouse cursor leaves the button element.
4. The `ng-init="count = 0"` is used to define the initial value of the count variable is "0".
5. The `{{count}}` is used to dynamically bind the count variable value when the mouse cursor leaves the button element.



## Sample Output for ng-mouseleave directive in AngularJS:



1. The output displays that a mouse cursor enters on a **“Mouse over here! (and leave)”** button.



2. The output shows that the content **"The mouseleave count:1"** when the mouse cursor leaves the **"Mouse over here! (and leave)"** button. Here the variable **"count"** will increased a value by 1, every time a mouse cursor leaves the **"Mouse over here! (and leave)"** button.