ng-blur DIRECTIVE IN ANGULARJS

- **ng-blur** directive is used to specify the custom behavior that execute when an HTML element loses focus.

- In AngularJS, the **ng-blur** directive will not override the HTML element's original **onblur** expression, both will be executed.

- The **ng-blur** directive is compiling at the priority level **"0"** (zero is a default priority level).

- **ng-blur** is supported by <a>, <input>, <select>, <textarea> tags and window object.

Syntax for ng-blur directive in AngularJS:

```
<element ng-blur= "expression" > </element>
                    Or
<ng-blur ng-blur= "expression" >
        ........
</ng-blur>
```

Parameter value for ng-blur directive in AngularJS:

Value	Description
expression	It is used to define an expression that execute when an HTML element loses focus.

Sample coding for ng-blur directive in AngularJS:

```html
<!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> Wikitechy ng-blur Directive in AngularJS Tutorials </h2>
      <lable> Enter the text: </lable>
      <input ng-blur="count = count + 1" ng- init="count=0">
      <h3> Count = {{ count }} </h3>
      <h3> The "count" variable value will be increased when the input
        field loses focus. </h3>
   </body>
</html>
```

Code Explanation for ng-blur directive in AngularJS:

```html
<!DOCTYPE html>
<html>
    <head>
        <title> Wikitechy AngularJS Tutorials</title>
        <script src="https://ajax.googleapis.com/ajax/libs/
        angularjs/1.4.8/angular.min.js"></script>
    </head>
    <body ng-app="">
        <h2>ng-blur Directive in AngularJS Tutorials</h2>
        <lable>Enter the text:</lable>

        <input ng-blur="count = count + 1" ng-init="count=0">

        <h3>Count={{count}}</h3>
        <h3> The "count" variable value will be increased when
        the input field loses focus.
        </h3>
    </body>
</html>
```
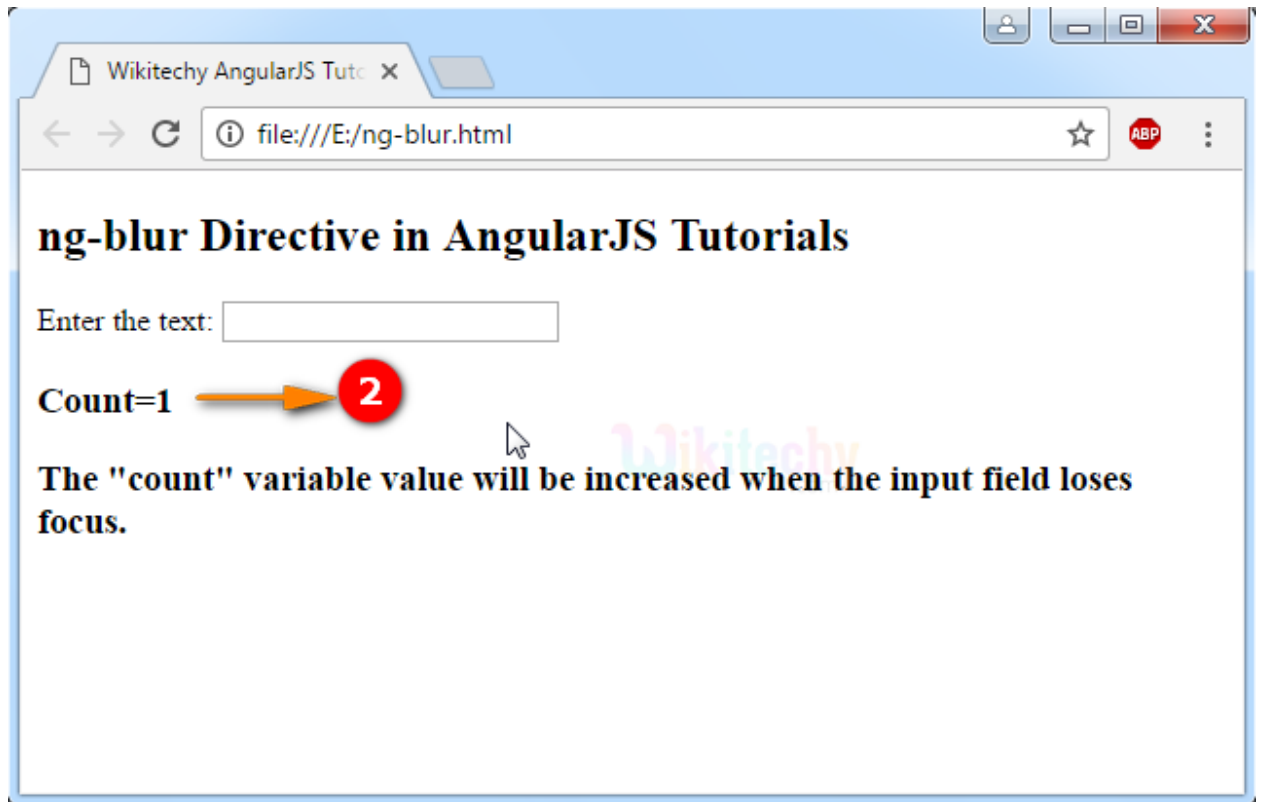
1. AngularJS is distributed as a JavaScript file, and can be added to a HTML page with a <script> tag.

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-blur= "count=count+1"** is used to increase the count variable by one, when the input field loses focus.

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 input field loses focus.

Sample Output for ng-blur directive in AngularJS:

1. The output shows that the **count** variable will not change the value when the input field gets focus.

2. The output shows that the **"Count=1"** is increased by 1 when the input field loses the focus.