

ng-focus DIRECTIVE IN ANGULARJS

- **ng-focus** directive is used to specify the custom behavior that execute when an HTML element gets focus.
- In AngularJS, the **ng-focus** directive will not override the HTML element's original **onfocus** event, both will be executed.
- The **ng-focus** directive is compiling at the priority level **"0"** (zero is a default priority level).
- **ng-focus** is supported by `<a>`, `<input>`, `<select>`, `<textarea>` tags and window object.

Syntax for ng-focus directive in AngularJS:

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

Parameter value for ng-focus directive in AngularJS:

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

Sample coding for ng-focus 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> Wikitechy ng-focus Directive in AngularJS Tutorials </h2>
  <label> Enter the text: </label>
  <input ng-focus="count = count + 1" ng-init="count=0">
  <h3> count = {{ count }} </h3>
  <h3> The "count" variable value will be increased when the input
  field gets focus. </h3>
</body>
</html>
```



Code Explanation for ng-focus directive in AngularJS:

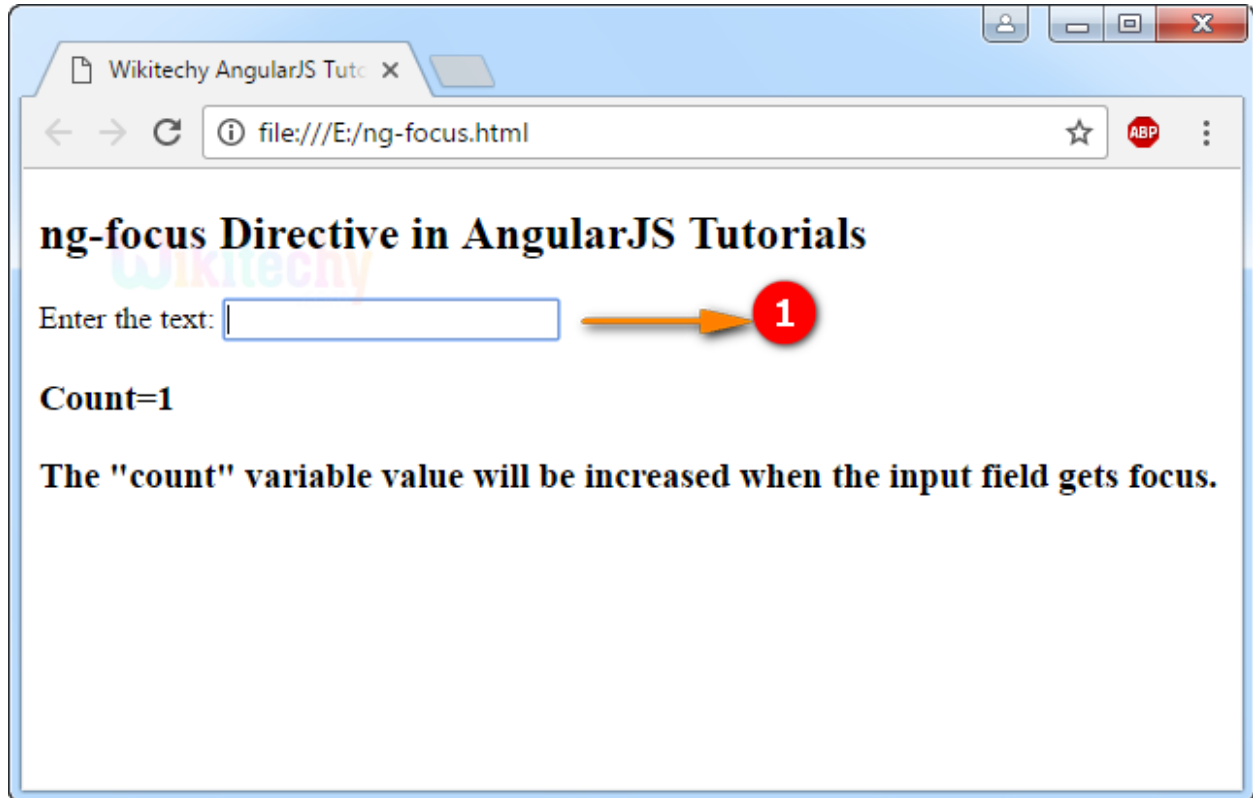
```
<!DOCTYPE html>
<html>
  <head>
    <title> Wikitechy AngularJS Tutorials</title>
    1 ← <script src="https://ajax.googleapis.com/ajax/libs/
        angularjs/1.4.8/angular.min.js">
        </script>
    </head>
    2 → <body ng-app="">
        <h2>ng-focus Directive in AngularJS Tutorials</h2>
        <label>Enter the text:</label>
        <input ng-focus="count = count + 1" ng-init="count=0">
        3 →
        4 →
        <h3>Count={{count}}</h3>
        5 →
        <h3> The "count" variable value will be increased when
            the input field gets 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-focus="count=count+1"` is used to increase the count variable by one, when the input field gets 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 gets focus.

Sample Output for ng-focus directive in AngularJS:



1. The output displays that the input field gets focus and the content **"Count=1"**. Here the variable **"count"** will be increased a value by 1, because only one time the input field gets focus.