

ng-cloak DIRECTIVE IN ANGULARJS

- The **ng-cloak** directive in Angularjs is used to hide the raw AngularJS code on the browser during the loading or compile process.
- The **ng-cloak** directive is used to avoid the unwanted flicker effect during the loading process.
- We can use the ng-cloak directive for the entire application by applied on <body> tag either we can use multiple ng-cloak directive for the smaller parts individually.
- The CSS style for hide ng-cloak Directive content.

```
<style>
  [ng\:cloak], [ng-cloak], [data-ng-cloak], [x-ng-cloak], .ng-cloak, .x-ng-cloak
  {
    display: none !important;
  }
</style>
```

- When the compile process complete the AngularJS Application element make the ng-cloak Directive content visible automatically.

Syntax for ng-cloak Directive in AngularJS:

```
<element ng-cloak> </element>
```



Sample code for ng-cloak Directive in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    <style>
      [ng\:cloak], [ng-cloak], [data-ng-cloak], [x-ng-cloak], .ng-cloak,
.x-ng-cloak {
        display: none !important;
      }
    </style>
  </head>
  <body>
    <div ng-app="">
      <h3>Remove and add CSS style then Refresh the page continuously
to view the differences</h3>
      <h2 ng-cloak> {{'Wiki' + 'techy'}} </h2>
    </div>
    <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js">
</script>
  </body>
</html>
```



Code Explanation for ng-cloak Directive in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>

    <style>
      [ng\:cloak], [ng-cloak], [data-ng-cloak], [x-ng-cloak],
      .ng-cloak, .x-ng-cloak {
        display: none !important;
      }
    </style>

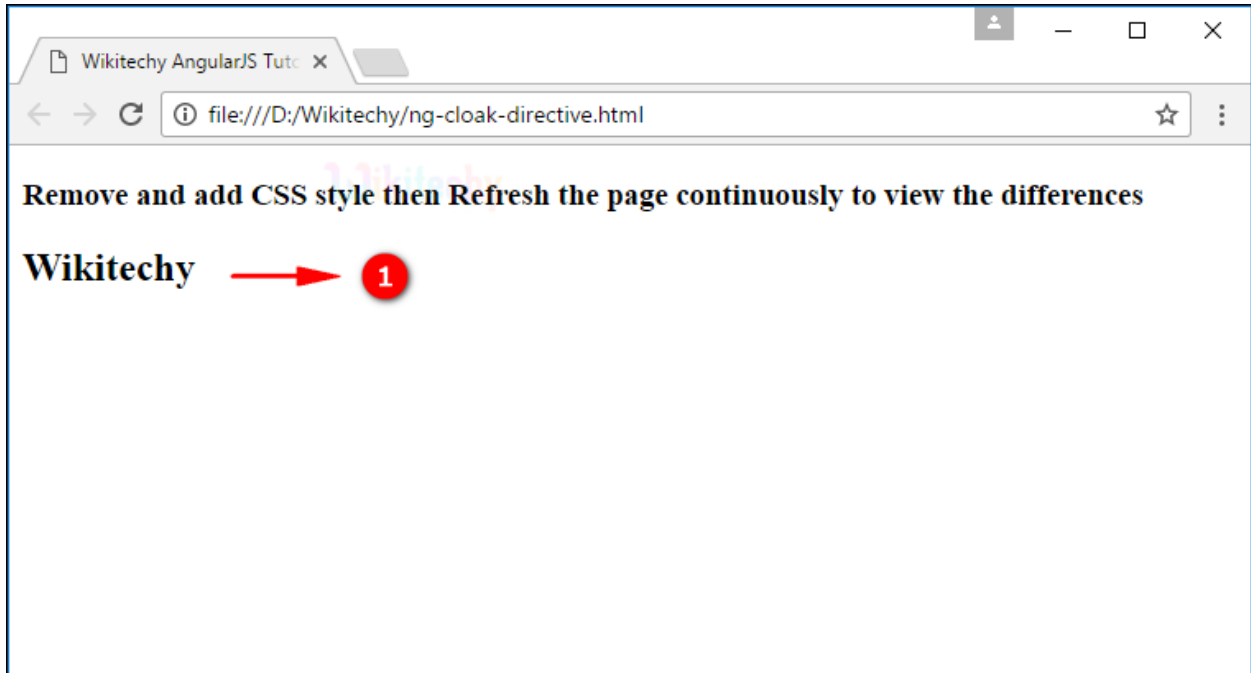
  </head>
  <body>
    <div ng-app="">
      <h3>Remove and add CSS style then Refresh the page
      continuously to view the differences</h3>
      <h2 ng-cloak> {{'Wiki' + 'techy'}}</h2>

    </div>
    <script src="https://ajax.googleapis.
      com/ajax/libs/angularjs/1.5.6/angular.min.js"> </script>

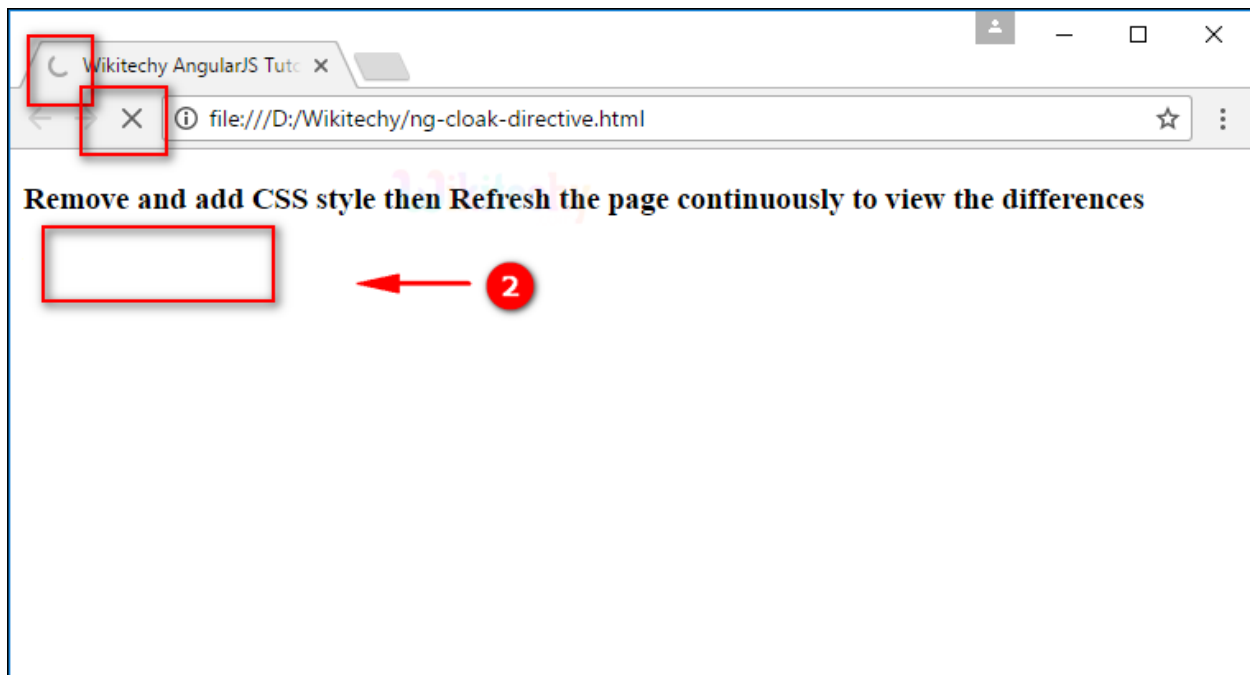
  </body>
</html>
```

1. The set of CSS style to hide the content in the ng-cloak directive.
2. The <h2> tag content is use **ng-cloak** directive.

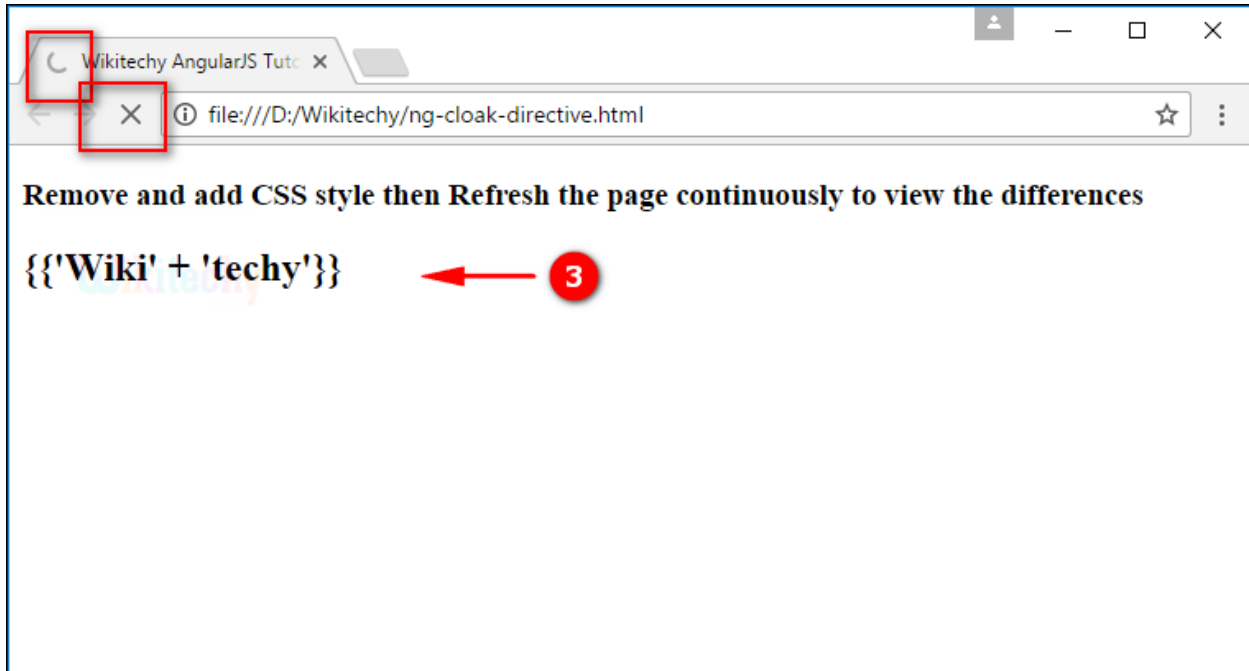
Sample Output for ng-cloak Directive in AngularJS:



1. The output displays the content after the page load finishes.



- Using the ng-cloak directive that will be hide the content during the page load, when the compile process complete then only the content will be displayed.



- Without the CSS style or ng-cloak directive that will be show the raw code of AngularJS during the page load, when the compile process complete then only the content will be displayed.

Tips and Notes

- The above CSS rule will be embedded within angular.js and angular.min.js for learners understanding that will be hard coded here.