

ng-if DIRECTIVE IN ANGULARJS

- The **ng-if** directive is used to add or remove the HTML Element by evaluating expression.
- If the expression returns true the HTML element will be added to the HTML DOM.
- If the expression returns false the HTML element will be removed from the HTML DOM.
- The ng-if is similar to ng-show and ng-hide but the only difference is ng-if completely remove or add the element in HTML DOM but ng-hide and ng-show just hide the visibility of the element.
- If the ng-if directive element removed the scope values will be removed, when the element added then AngularJS recreates the scope values.

Syntax for ng-if Directive in AngularJS:

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



Sample code for ng-if 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>
    <div ng- app="myApp" ng-controller=" selectCtrl">
      <h2> ng-if Directive in AngularJS Tutorials</h2>
      <select ng-model="name" ng- options=" x for x in tech" ></select>
      <h5 ng-if="name == 'HTML'" >Welcome to HTML Tutorials</h5>
      <h5 ng-if="name == 'AngularJS'" >Welcome to AngularJS
Tutorials</h5>
      <h5 ng-if="name == 'CSS'" >Welcome to CSS Tutorials</h5>
    </div>
    <script>
      var app = angular.module("myApp", []);
      app.controller("selectCtrl ", function($scope) {
        $scope.tech = [ "HTML", "AngularJS", "CSS" ];
      });
    </script>
  </body>
</html>
```

Code Explanation for ng-if Directive in AngularJS:

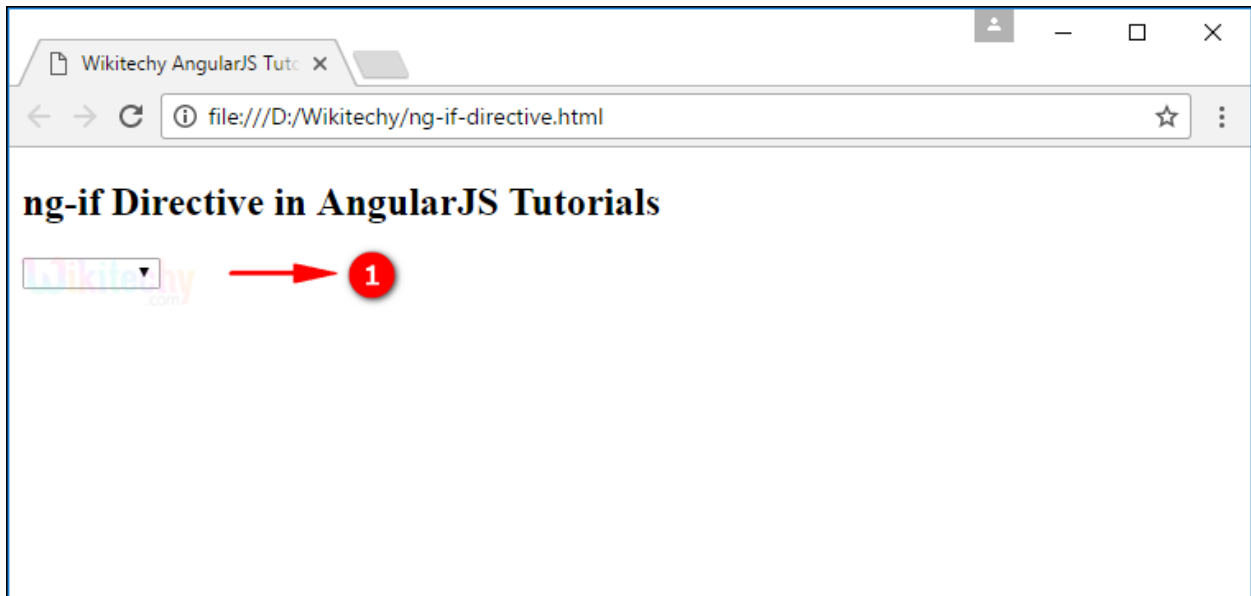
```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js"> </script>
  </head>
  <body>
    <div ng-app="myApp" ng-controller="selectCtrl">
      <h2>ng-if Directive in AngularJS Tutorials</h2>
      1 → <select ng-model="name" ng-options="x for x in tech"></select>
      2 → <h5 ng-if="name == 'HTML'">
        Welcome to HTML Tutorials
      </h5>
      3 → <h5 ng-if="name == 'AngularJS'">
        Welcome to AngularJS Tutorials
      </h5>
      4 → <h5 ng-if="name == 'CSS'">
        Welcome to CSS Tutorials
      </h5>
    </div>
    <script>
      var app = angular.module("myApp", []);
      app.controller("selectCtrl", function($scope) {
      5 → $scope.tech = ["HTML","AngularJS","CSS"];
      });
    </script>
  </body>
</html>
```

1. The select box for select Technologies.
2. The <h5> tag content is displayed if the **ng-if** directive condition is true (if the select box name is HTML).
3. The <h5> tag content is displayed if the **ng-if** directive condition is true (if the select box name is AngularJS).

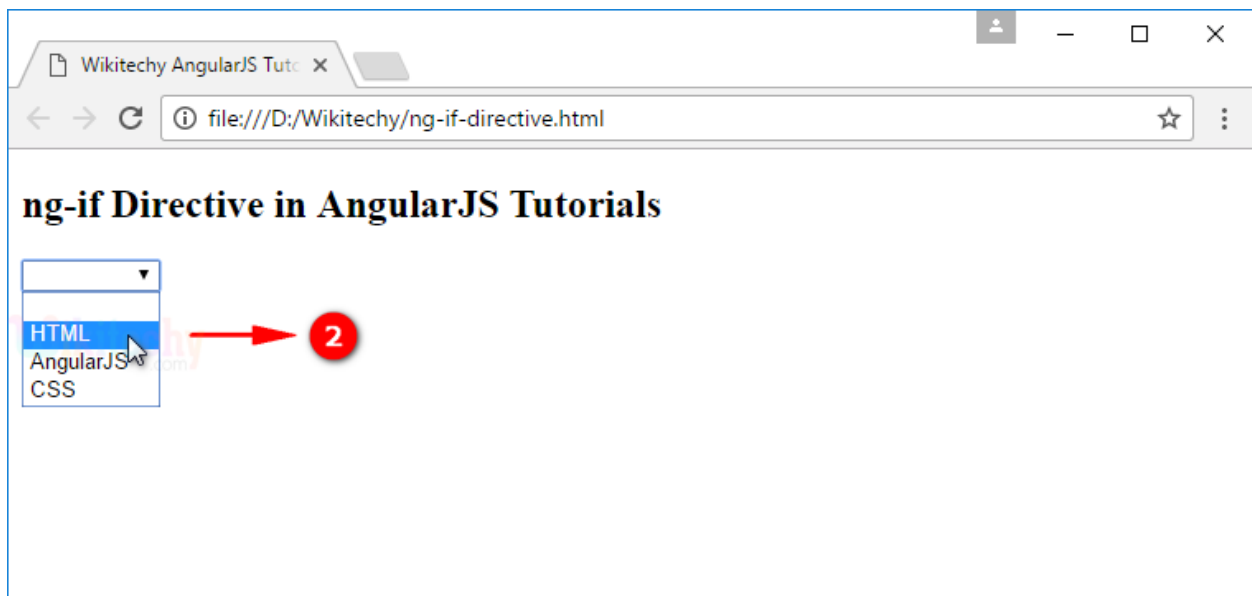


4. The `<h5>` tag content is displayed if the **ng-if** directive condition is true (if the select box name is CSS).
5. The set of technologies stored in **tech** Array.

Sample Output for ng-if Directive in AngularJS:



1. The output displays the content on page load.



2. The set of technologies listed in Drop-down list, the user select HTML from the drop-down list.



3. When user select **HTML**, then the Content in the <h5> tag "**Welcome to HTML Tutorials**" will be displayed because the **ng-if** condition expression becomes **true**.