

HTML DOM IN ANGULARJS

- The AngularJS provides directives for binding application data to the HTML DOM element's attribute.
- These are the HTML DOM attributes used in AngularJS.
 - Show as [ng-show](#) directive.
 - Hide as [ng-hide](#) directive.
 - Disabled as [ng-disabled](#) directive.

Syntax for Select Box in AngularJS:

```
<element ng-show="Boolean value"> </element>
```

and

```
<element ng-hide="Boolean value"> </element>
```

and

```
<element ng-disabled="Boolean value"> </element>
```

Sample code for HTML DOM 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="DOMCtrl" >
      <h3>HTML DOM in AngularJS</h3>
      Enter Name :
      <input type="text" ng-model="name" ng-hide="myhide" ng-
show="myshow" ng-disabled="mydisabled" />
      <p>myhide : {{myhide}}</p>
      <p>myshow : {{myshow}}</p>
      <p>mydisabled : {{mydisabled}}</p>
      <input type="button" value="Show" ng-click="showFun()" />
      <input type="button" value="Hide" ng-click="hideFun()" />
      <input type="button" value="Disable" ng-click="disFun()" />
    </div>
    <script>
      var app = angular.module("myApp", []);
      app.controller("DOMCtrl", function($scope) {
        $scope.showFun = function () {
          $scope.myhide = false;
          $scope.myshow = true;
          $scope.mydisabled = false;
        };
        $scope.hideFun = function () {
          $scope.myhide = true;
          $scope.myshow = false;
        };
      });
    </script>
  </body>
</html>
```



```
        $scope.mydisabled = false;
    };
    $scope.disFun = function () {
    $scope.myhide = false;
    $scope.myshow = true;
    $scope.mydisabled = true;
    };
    });
</script>
</body>
</html>
```

Data:

- Set of data has been used in our AngularJS Application.

```
myhide = false;
myshow = true;
mydisabled = true;
```

HTML:

- Viewable HTML contents in AngularJS Application.

```
<div ng-app="myApp" ng-controller="timeCtrl" >
  <h3>HTML DOM in AngularJS</h3>
  Enter Name :
  <input type="text" ng-model="name" ng-hide="myhide" ng-
show="myshow" ng-disabled="mydisabled" />
  <p>myhide : {{myhide}}</p>
  <p>myshow : {{myshow}}</p>
```



```
<p>mydisabled : {{mydisabled}} </p>
<input type="button" value="Show" ng-click="showFun()" />
<input type="button" value="Hide" ng-click="hideFun()" />
<input type="button" value="Disable" ng-click="disFun()" />
</div>
```

Logic:

- Controller logic for the AngularJS application.

```
app.controller("tableCtrl", function($scope, $interval) {
  $scope.showFun = function () {
    $scope.myhide = false;
    $scope.myshow = true;
    $scope.mydisabled = false;
  };
  $scope.hideFun = function () {
    $scope.myhide = true;
    $scope.myshow = false;
    $scope.mydisabled = false;
  };
  $scope.disFun = function () {
    $scope.myhide = false;
    $scope.myshow = true;
    $scope.mydisabled = true;
  };
});
```



Code Explanation for HTML DOM in AngularJS:

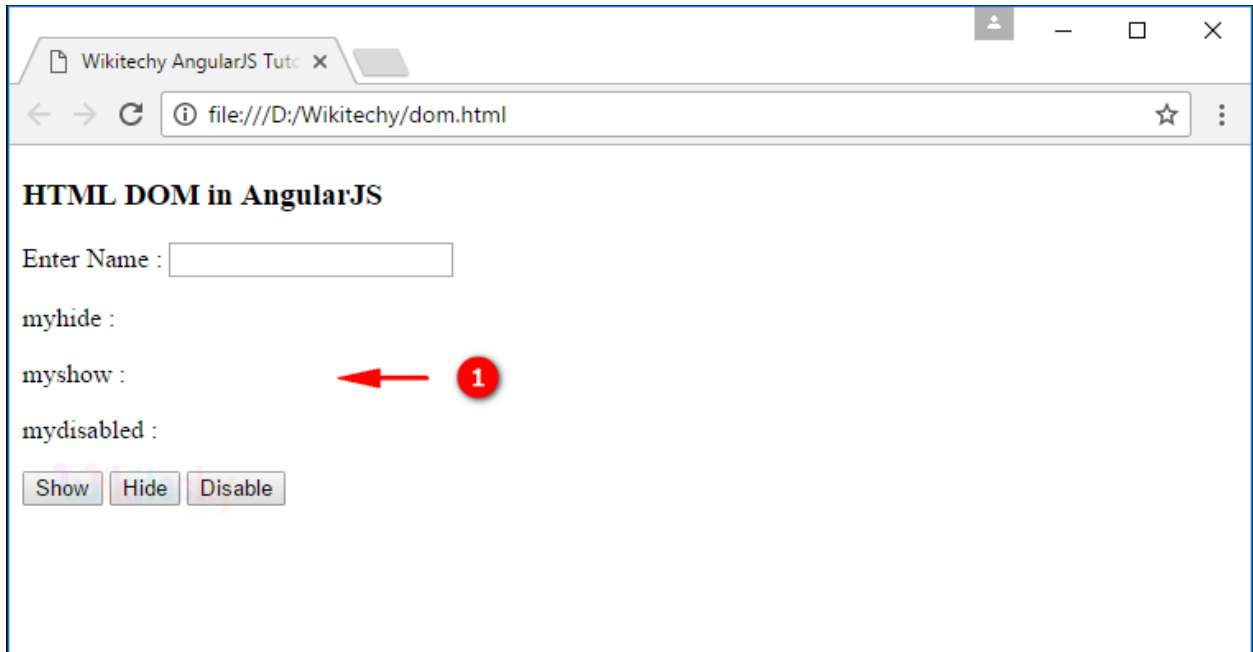
```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    <script src="https://ajax.googleapis.
      com/ajax/libs/angularjs/1.5.6/angular.min.js"> </script>
  </head>
  <body>
    <div ng-app="myApp" ng-controller="DOMCtrl">
      <h3>HTML DOM in AngularJS</h3>
      Enter Name :
      <input type="text" ng-model="name" ng-hide="myhide"
2 → ng-show="myshow" ng-disabled="mydisabled" />
      <p>myhide : {{myhide}}</p>
      <p>myshow : {{myshow}}</p>
      <p>mydisabled : {{mydisabled}}</p>
4 → <input type="button" value="Show" ng-click="showFun()" />
5 → <input type="button" value="Hide" ng-click="hideFun()" />
6 → <input type="button" value="Disable" ng-click="disFun()" />
    </div>
    <script>
      var app = angular.module("myApp", []);
7 → app.controller("DOMCtrl", function($scope) {
8 → $scope.showFun = function () {
      $scope.myhide = false;
      $scope.myshow = true;
      $scope.mydisabled = false; };
9 → $scope.hideFun = function () {
      $scope.myhide = true;
      $scope.myshow = false;
      $scope.mydisabled = false; };
10 → $scope.disFun = function () {
      $scope.myhide = false;
      $scope.myshow = true;
      $scope.mydisabled = true; };
    });
    </script>
  </body>
</html>
```



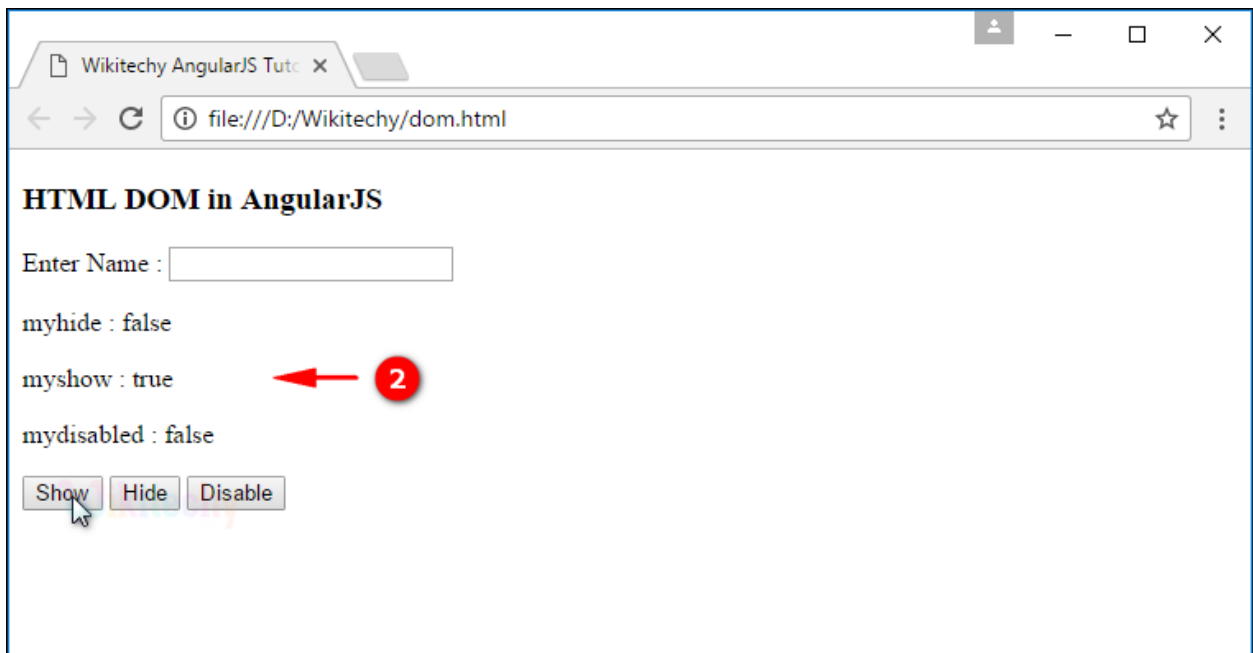
1. The [ng-hide](#) directive is used to hide or show the textbox by changing the Boolean value **myhide**.
2. The [ng-show](#) directive is used to hide or show the textbox by changing the Boolean value **myshow**.
3. The [ng-disabled](#) directive is used to disable or enable the textbox by changing the Boolean value **mydisabled**.
4. The **"Show"** button used to call the **"showFun()"** function.
5. The **"Hide"** button used to call the **"hideFun()"** function.
6. The **"Disable"** button used to call the **"disFun()"** function.
7. The **"DOMCtrl"** used to create the [controller](#) for the Application with **\$scope** object argument.
8. The **showFun** is a function used to set **myshow** as **true**, **myhide** and **mydisabled** as **false** variable.
9. The **hideFun** is a function used to set **myhide** as **true**, **myshow** and **mydisabled** as **false** variable.
10. The **disFun** is a function used to set **mydisabled** and **myshow** as **true** and **myhide** as **false** variable.



Sample Output for HTML DOM in AngularJS:



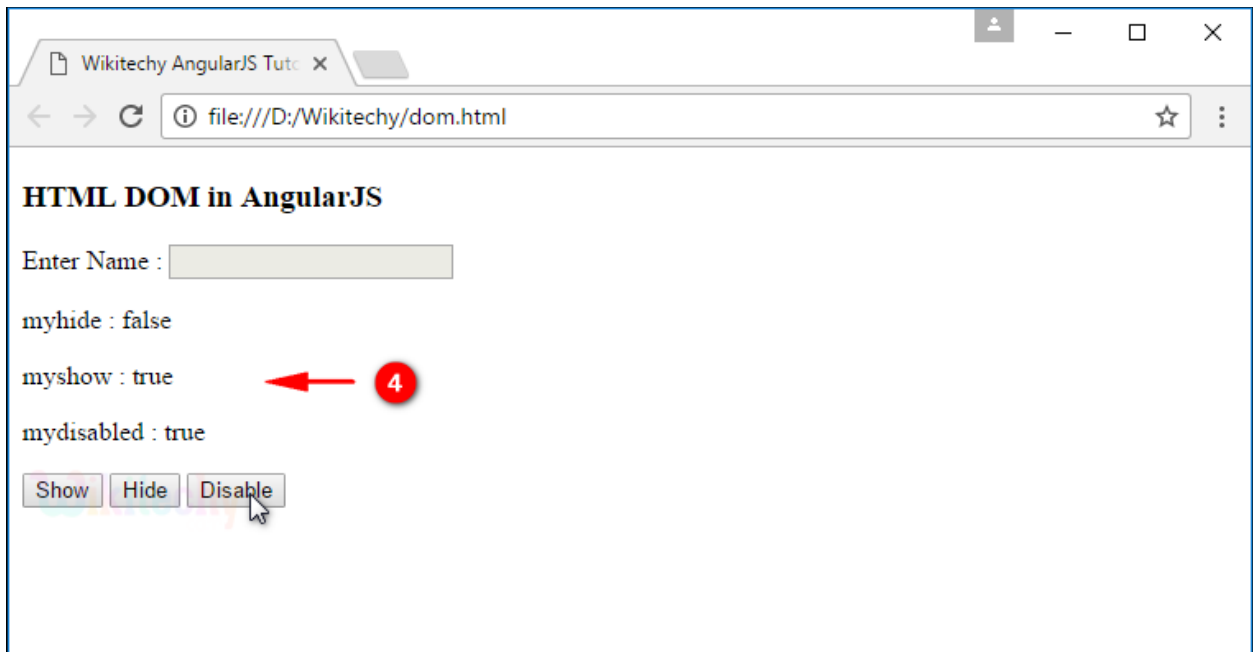
1. The Values are empty on the page load.



2. When user click the **Show** button then the textbox will be visible.



3. When user Click the **Hide** button then the textbox will be disappear.



4. When user click the **Disable** button then the textbox will be disabled so that user cannot edit the text.