AngularJS Events

AngularJS has its own HTML events directives.

AngularJS Events

You can add AngularJS event listeners to your HTML elements by using one or more of these directives:

- ng-blur
- ng-change
- ng-click
- ng-copy
- ng-cut
- ng-dblclick
- ng-focus
- ng-keydown
- ng-keypress
- ng-keyup
- ng-mousedown
- ng-mouseenter
- ng-mouseleave
- ng-mousemove
- ng-mouseover
- ng-mouseup
- ng-paste

The event directives allows us to run AngularJS functions at certain user events.

An AngularJS event will not overwrite an HTML event, both events will be executed.

The ng-click Directive:-

The ng-click directive defines AngularJS code that will be executed when the element is being clicked.

```html
<!DOCTYPE html>

<html>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>

<body>


<div ng-app="myApp" ng-controller="myCtrl">


<button ng-click="myFunction()">Click Me!</button>


<p>{{ name }}</p>


</div>

<script>
var app = angular.module('myApp', []);


app.controller('myCtrl', function($scope) {

    $scope.myFunction = function() {

        $scope.name="hello world";

    }
});
</script>
```
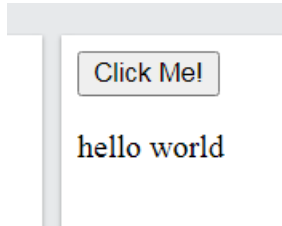
</body>

</html>

Output:-

The ng-mouseover Directive:-

The `ng-mouseover`

directive defines AngularJS code that will be executed when the element is being clicked.

2)*ng-mouseover* example :-

```
<!DOCTYPE html>

<html>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>

<body>


<div ng-app="myApp" ng-controller="myCtrl">


<button ng-mouseover="myFunction()">Click Me!</button>
```

```
<p>{{ name }}</p>


</div>

<script>

var app = angular.module('myApp', []);

app.controller('myCtrl', function($scope) {


    $scope.myFunction = function()

    {


        $scope.name="hello world";


    }
});
</script>


</body>

</html>
```

Output:-