AngularJS Applications

AngularJS **modules** define AngularJS applications.

AngularJS **controllers** control AngularJS applications.

The **ng-app** directive defines the application, the **ng-controller** directive defines the controller.

```html
<!DOCTYPE html>
<html>
<script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js">
</script>
<body>

<p>Try to change the names.</p>

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

First Name: <input type="text" ng-model="firstName"><br>
Last Name: <input type="text" ng-model="lastName"><br>
<br>
Full Name: {{firstName + " " + lastName}}

</div>

<script>
var app = angular.module('myApp', []);
app.controller('myCtrl', function($scope) {
    $scope.firstName= "";
    $scope.lastName= "";
});
</script>

</body>
</html>
```

Output:

Try to change the names.

First Name: Awad
Last Name: Bin-Jawed

Full Name: Awad Bin-Jawed

... so to sum it all up:

AngularJS modules define applications:

AngularJS Module

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

AngularJS controllers control applications:

AngularJS Controller

```
app.controller('myCtrl', function($scope) {
    $scope.firstName= "John";
    $scope.lastName= "Doe";
});
```