**Two-way binding** just means that:

1. When properties in the model get updated, so does the UI.
2. When UI elements get updated, the changes get propagated back to the model.

<!DOCTYPE html>

<html>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.4/angular.min.js"></script>

<body>

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

Name: <input ng-model="firstname">

<h1>{{firstname}}</h1>

<button ng-click="display()">Show</button>

</div>

<script>

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

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

$scope.firstname = "dfsf";

$scope.display = function(){

console.log($scope.firstname);

}

});

</script>

</body>

</html>