**App1:**

<script src="angular.js"></script>

<body **ng-app**>

{{100+200}}

</body>

**App2:**

<body **ng-app ng-init**="a=200;b=300;c=a+b">

{{c}}

</body>

**App3:**

<body ng-app ng-init="eid=5001;ename='ram'">

{{eid}}

{{ename}}

</body>

**App4:**

<body **ng-app ng-init**="emp={id:5001,name:'ram'}">

{{emp.id}} <br>

{{emp.name}}

</body>

**App5:**

<body **ng-app ng-init**="emp={id:5001,name:'ram'}">

Id is:<input type="text" value="{{emp.id}}"> <br>

Id is:<input type="text" **ng-model**="emp.id"> <br>

Name is:<input type="text" value="{{emp.name}}"> <br>

Name is:<input type="text" **ng-model**="emp.name">

</body>

**App6:**

<body **ng-app ng-init**="emp={id:5001,name:'ram'}">

Id is:<span **ng-bind**="emp.id"> </span> <br>

Name is:<span **ng-bind**="emp.name"/> </span>

</body>

**App6.1:**

<body **ng-app**>

<div **ng-init**="id=[501,502,503,504,505]">

<h1 **ng-repeat**="i in id">{{i}}</h1>

</div>

</body>

**App7:**

<script>

***//1.creating module***

**var v1=angular.module("m1",[]);**

***//2.add controller to module***

**v1.controller("c1",function($scope)**

{

$scope.emp={"id":5001,"name":'ram'};

});

</script>

<div **ng-app="m1" ng-controller="c1"**>

<table>

<tr>

<td>Emp Id is:</td>

<td><input type="text" **ng-model**="emp.id"></td>

</tr>

<tr>

<td>Emp Name is:</td>

<td><input type="text" **ng-model**="emp.name"></td>

</tr>

</table>

</div>

**App8:**

<script src="angular.js"></script>

<script>

***//1.creating module***

**var v1=angular.module("m1",[]);**

***//2.add controller to module***

**v1.controller("c1",function($rootScope,$scope)**

{

$scope.emp={"id":5001,"name":'ram'};

$rootScope.msg1="Hi1";

});

***//2.add controller to module***

v1.controller("c2",function($rootScope,$scope)

{

$scope.student={"id":1001,"name":'raj'};

$rootScope.msg2="Hi2";

});

</script>

<div **ng-app="m1"**>

{{msg1}}<br>

{{msg2}}<br>

<div **ng-controller="c1"**>

Emp id is:{{emp.id}} <br>

Emp name is:{{emp.name}} <br>

{{msg1}}<br>

{{msg2}}<br>

</div>

<hr>

{{msg1}}<br>

{{msg2}}<br>

<div **ng-controller="c2"**>

Student id is:{{student.id}} <br>

Student name is:{{student.name}}<br>

{{msg1}}<br>

{{msg2}}<br>

</div>

</div>

**App9:**

<body>

<script>

*//Creating module*

**var v = angular.module('m1', []);**

*//Creating Controller*

**v.controller('c1', function($scope)**

{

$scope.msg= "====Welcome To Angularjs Session====";

$scope.wish=function()

{

return $scope.msg;

};

});

</script>

<div ng-app="m1" ng-controller="c1">

<br>

{{wish()}}

</div>

</body>

**App10:**

<body>

<script>

**var v = angular.module('m1', []);**

**v.controller('c1', function($scope)**

{

$scope.n1= 50;

$scope.n2= 20;

$scope.sum=function()

{

return $scope.n1+$scope.n2;

};

$scope.mul=function()

{

return $scope.n1\*$scope.n2;

};

});

</script>

<div ng-app="m1" ng-controller="c1">

<br>

Addition is: {{sum()}} <br>

Multiplication is: {{mul()}}

</div>

</body>

**App11:**

<body>

<script>

**var v = angular.module('m1', []);**

**v.controller('c1', function($scope)**

{

*//array declaration*

var marks=[25,24,23,21,20];

$scope.m=marks;

});

</script>

<div ng-app="m1" ng-controller="c1">

<ol>

<li ng-repeat="i in m">{{i}}</li>

</ol>

</div>

</body>

**App12:**

<body>

<script>

**var v = angular.module('m1', []);**

**v.controller('c1', function($scope)**

{

***//variable declaration***

$scope.msg="Good Morning";

***//array declaration***

var marks=[25,24,23,21,20];

$scope.m=marks;

***//object declaration***

var student={id:501,name:'ram',age:25};

$scope.s1=student;

});

</script>

<div ng-app="m1" ng-controller="c1">

<br>

{{msg}} <br>

{{m[0]}} <br>

{{s1.id}} <br>

</div>

</body>

**App13:**

<body>

<script>

**var v = angular.module('m1', []);**

**v.controller('c1', function($scope)**

{

*//array of student objects*

var students=[

{id:501,name:'ram',age:25},

{id:502,name:'raj',age:23},

{id:503,name:'sai',age:24}

];

$scope.s=students;

});

</script>

<div ng-app="m1" ng-controller="c1">

<ul>

**<li ng-repeat="i in s">{{i.id+" "+i.name+" "+i.age}}</li>**

</ul>

</div>

</body>

**App14:**

<body>

<script>

*//Adding Image*

*//Creating module & Creating Controller*

**var v = angular.module('m1', [])**

**.controller('c1', function($scope)**

{

*//image location declaration*

var v={loc:"Koala.jpg"};

$scope.p=v;

});

</script>

<div ng-app="m1" ng-controller="c1">

<br>

<img **ng-src**={{p.loc}} height="100px" width="200px" />

</div>

</body>

**App15:**

<body>

<script>

*//===========Program For Two Way Binding===========*

*//===========ng-model directory usage==============*

*//Creating module & Creating Controller*

**var v = angular.module('m1', [])**

**.controller('c1', function($scope)**

{

$scope.s="CHANTI";

});

</script>

<div **ng-app="m1" ng-controller="c1"**>

Enter Your Name:<input type="text" **ng-model="s"**> <br>

Your Name is:{{s}}

</div>

</body>

**App16:**

<body>

<script>

**var v = angular.module('m1', []);**

**v.controller('c1', function($scope)**

{

*//object declaration*

var student={id:501,name:'ram',age:25};

$scope.s1=student;

});

</script>

<div ng-app="m1" ng-controller="c1">

Enter Your Id: <input type="text" ng-model="s1.id"> <br>

Enter Your Name:<input type="text" ng-model="s1.name"> <br>

Enter Your Age: <input type="text" ng-model="s1.age"> <br>

<hr>

<pre> {{s1.id}} | {{s1.name}} | {{s1.age}} </pre>

</div>

</body>

**App17:**

<script>

**angular.module('m1', []).controller('c1', function($scope)**

{

$scope.names = [

{name:'ram',sal:15000},

{name:'ajay',sal:14000},

{name:'sam',sal:10000},

{name:'honey',sal:25000},

];

});

</script>

<body>

<div ng-app="m1" ng-controller="c1">

<table border="1">

<tr>

<th>Name</th>

<th>Country</th>

</tr>

<tr ng-repeat="x in names">

<td>{{x.name}}</td>

<td>{{x.sal}}</td>

</tr>

</table>

</div>

</body>

**AJS Validations**

<html>

<script src="angular.js"></script>

<script>

**var app = angular.module('m1', []);**

**app.controller('c1', function($scope)**

{

$scope.user = 'John Doe';

$scope.email = 'john.doe@gmail.com';

});

</script>

<body>

<h2>Validation Example</h2>

<form **ng-app="m1" ng-controller="c1"** name="myForm" novalidate>

<p>Username:<br>

<input type="text" name="user" ng-model="user" required>

<span style="color:red" ng-show="myForm.user.$dirty && myForm.user.$invalid">

<span ng-show="myForm.user.$error.required">Username is required.</span>

</span>

</p>

<p>Email:<br>

<input type="email" name="email" ng-model="email" required>

<span style="color:red" ng-show="myForm.email.$dirty && myForm.email.$invalid">

<span ng-show="myForm.email.$error.required">Email is required.</span>

<span ng-show="myForm.email.$error.email">Invalid email address.</span>

</span>

</p>

<p>

<input type="submit" ng-disabled="myForm.user.$dirty && myForm.user.$invalid || myForm.email.$dirty && myForm.email.$invalid">

</p>

</form>

</body>

</html>