Angular:

2-way databinding

filters

directives

MVC or MVW

Notes:

* while defining any parameters, if it is string put in ‘ ’ single quotation and if it’s object put in “”double quotation.
* $location , $scope, $http – pass into controller.
* ngRoute –pass into module
* <form class=”” novalidate>--- it says html5 that don’t go for validation as angular is going to validate the form.
* Filter is used to filter the data as per the condition.

e.g: <input type=”” ng-model=”search”>  
<ul><li ng-repeat=”arr in myarr” |orderBy: ‘name’ | filter:search”>

* Filter can be used with directive and angular expression({{}})
* Filter used for input element and orderBy used for select element
* Display as per your individual column value then …..ng-model=”search.name” is for serch as per typing name value.

Methods:

push (): this method is used to inert an element to an array.  
slice(): Used to get all elements from an array and traverse it.  
parseInt(): convert string into int.  
console.log(angular.toJson($scope.myarr));---shows myarr elements in the console.  
  
$http.get(‘data/jsondata.json’).success(function(data){

$scope.myarr=data;})---read the json data and assign to my array myarr.

Classes:

<div class=”content”>-- form looks better format, look and feel.  
input type=”text”---for text  
button and ng-click –for botton  
select ng-model and option value—for select option   
input type=”number”---for number  
Input type=”checkbox” ng-model-- for checkbox

*Directives:*

**ng-view:**

loads the related view pages and make it available to the home page.

e.g:

<main ng-view>-- load all related pages and make it available here.

**ng-App:**

This is used to define the module we are working for and the page behaves like as an angular page, for each home page there will be only one ng-app. This is used in html tag.

**ng-controller:**

The directive define all the data will handle by the defined controller. Outside the controller data will not available.

**ng-init:**

andl The directive used to initialize the data .

e.g: <body ng-init =”numbers=[1,2,4,7]”>

**ng-model (used with input,select and textarea)**

This tag is used to receive the user input data and hold it and pass to model obj defined in module class.

So when ever changes happened at UI , the same reflecting at model.

**ng-repeat:(can be use with directive , li …)**

used to traverse through an array.  
e.g: <div ng-repeat obj in myArr>

**ng-include:**

used to include another page into my current page , Here the outside html page should be inside single quotation inside double quotation.

e.g:

<ng-include src=”’test.html’”> instead of

<header ng-include =”’test.html’”> --- this defines a header.

**ng-required:**

This is used to defined whether the validation is required for the corresponding form field .

e.g: <input type=”text” ng-required =true>

**ng-disabled:**

Will disable the form as per the condition. here if input field is invalid the submit button will disabled.

<form name=”contactform”>  
e.g: <input type=”submit” value=”submit” ng-disabled=”contactform.$invalid”>

**ng-show:**

Show the content as per the condition.

e.g:<ul><li ng-repeat=”arr in myarr” | ng-show=”arr.available” >

the available is true in my defined array myarr. That’s why shows all the elements whose available is true from an array.

**ng-hide:**

it works reverse to ng-show means , display all elements as per the condition.

**ng-click:**

Used to fire a click event . means tell angular what to do once the click is happened.

e.g:

**ng-submit:**

It is used to submit new records or forms into an array / DB…or submit the form. mean

e.g: <form ng-submit=”add()” when the form is submitted the add () method called up.

limtTo field is used to define the limit to display

e.g

<tr ng-repeat="tech in technologies | limitTo:rowlimit:1">

select ng-model="Asc"

input--text , number

button-

HTML TAGS:

<p>--paragraph

<div>--Its defines a division or section where controller scope will be there.

<ul>--Unordered list

<li>--Defines a list

<h1>--Heading in larger size, h4 is small

<span>--used to apply styles for inline elements.