AngularJS Controllers & Scope

1. AngularJS controllers control ____ of AngularJS applications.

   a) **the data**
   b) the function
   c) the variable
2. Which directive defines the application controller?
   a) ng-model
   b) ng-ctrl
   c) **ng-controller**
3. Which of the following service(s) will be invoked by the controller?
   a) **$scope**
   b) **$http**
   c) $object constructor
   d) $this
4. Controller is the link between the model and views.
   a) **True**
   b) False
5. Which directives bind the input fields to the controller properties?
   a) **data-ng-model**
   b) ng-app
   c) ng-controller
6. In larger applications, controllers are stored in ____?
   a) **external files**
   b) scope object
   c) internal files
7. Which statement is true about scope in AngularJS?
   a) The scope is the binding part between the HTML (view) and the JavaScript (controller).
   b) The scope is an object with the available properties and methods.
   c) The scope is available for both the view and the controller.
   d) **All of the above**
8. Controller, which is the JavaScript function that ____ the data?
   a) Makes

b) Changes

c) Removes

d) **All of the above**

9. $rootScope refers to an object which is accessible from everywhere of the application.

a) **True**

b) False

10. $rootScope is created with ____

a) ng-controller

b) **ng-app**

c) ng-init

11.   A controller is a JavaScript object containing ____

a) Attributes

b) Properties

c) Functions

d) **All of the above**

12.   Which is the correct syntax of creating AngularJs controller?

a)

```
var app = angular.module('myApp', []);
app.controller('myCtrl', function($scope) {

});
```

b)

```
var app= angular.app('myApp', []);
app.controller('myCtrl', function($scope) {

});
```

c)
```
var app = angular.module('myApp', []);
app.controller(function($scope) {

});
```

13.   Scope contains the ____?

a) **model data**

b) JavaScript Objects

c) variables

14.   Which is/are the characteristics of scope object?

a) Scopes provide APIs ($watch) to observe model.

b) Scopes can be nested to limit access to the properties.

c) It provides context against the expression to be evaluated.

d) **All of the above**

Directive

1. Which directive show and hide element?
   a. Ng-show and ng-hide
2. Which directive remove element from DOM?
   a. Ng-if
3. Which directive avoids the transclusion problem when generating element that can't have an individual parent element?
   a. Ng-repeat
4. What is the benefit of ng-class an ng-style directive?
   a. Set individuals css style properties
5. What is the benefit of ng-class-odd an ng-style-even directive?
   a. Generate classes to odd and even
6. Which directive can be perform when an event is triggered
   a. Ng-click
7. Which directive can apply Boolean attributes to elements?
   a. Ng-checked
8. Which of the following performing to add, remove, hide, and show elements in the DOM?
   a. Directive
9. Which element is triggered when an element lose the focus?
   a. Ng-blur
10. Which element directive is triggered by form elements when their state of content is changed
    a. Ng-change
11. What is the benefit of ng-mouseenter directive?
    a. It triggered when the user interacts with an element using the mouse /pointer.

12. Write some Boolean attribute directive?

     a. Ng-checked

     b. Ng-disable

     c. Ng-open

     d. Ng-readonly

     e. Ng-selected

13. Write the benefit of ng-checked Boolean directive?

     a. It manages the checked attribute (used on input element).

14. Which Boolean attribute directive sets the href attribute on an elements

     a. Ng-href

chapter 9

The anatomy of an AngularJS

1. Which is the correct syntax of Angular module declaration?

     a) ng-module **b) angular.module** c) angular module d) ng- angular

2. Which service is used to pass data to the view?

     a) scope b) $http c)**$scope** d) ng- angular

3. What is the right convention to apply the ng-app attribute to the AngularJS application as a whole?

     a) body element b) div element c**) html element** d) head element

4. Which symbol is used to built-in services?

     a) "$" symbol b) "." symbol c) "X" symbol d) "ng" symbol

5. How many argument are used to service (what is service ? object)

a) two b) three c) four d) five

6. Which is the right output?

  1. <!doctype html>

```
2. <html>
3. <head>
4. <script src="http://code.angularjs.org/1.1.5/angular.min.js"></script>
5. </head>
6. <body>
7. I can add: 1 + 2 = {{ 1+2 }}
8. </body>
9. </html>
```

a) I can add: 1 + 2 = 1+2   b) I can add: 1 + 2 =3

b) c) I can add: 1 + 2 = 0   **d) I can add: 1 + 2 = {{ 1+2 }}**

7. What is module?

Ans: You can think of a module as a container for the different parts of your app – controllers, services, filters, directives, etc.

8. Which directive is used for creating custom form elements?

a) ng-model
b) ng-element
c) ng-app
d) ng-custom
9. DI means in AnguralJS?
a) Data of Infromation
c) Dependency Injection
b) Database Injection
d) Data Injection
10.In Bellow which is the correct module?

a) var app = module.angular("myApp", []);
b) var app = module.angular([],"myApp");
c) app = angular.module("myApp", []);
d) var app = angular.module("myApp", []);

10.Which are the top-Level components of an AngularJS applications?

a) Controllers
b) Modules
c) Scopes

d) Services

12.Which are the big building blocks of an AngularJS applications.

a) Modules
b) Services
c) Controllers
d) Scopes

13. Controllers act between ....?
a) model b) view c) model and view d) none of the above

14. Dependency depends on___ components to perform its works?

a) $scope b) service c)controller d) modeles

15. Which features are used to extend and enhance HTML and to create rich web applications?

a)Directives b) $scopes c)$http d)css

16. which is the cut-down version of JQuery ?

a)jqLight b)Jqlite c)css d)$scope

17. Which method is used to define a filter ?
a) filter method b) view method c) scope method d) directive method

18.Which are the module object ?

a) service and factory

b)provider c) Both a and b

d) none of this above

19. which arguments are used to create modules in angular.method?

a) first arguments b) second arguments c) third argument b) forth arguments

20.How many kinds of key moments in life cycle of angularJS App?

a) two b) three c) four d) five

21. Which component is used as HTML attribute in AngularJS application?
a) JSON

b) Objects
c) Modules
d) Directives

Chapter 12

Working with Forms

1. What type of directive use to create two way bindings?
   Ans: ng-model directive.
2. Why use the AngularJS validation CSS classes?
   Ans: To provide the visual feedback on validation.
3. Why use the additional attributes that AngularJS provides?
   Ans: To perform the complex validation on input elements and text area elements.
4. What type of directive or attribute use to control the value the model property when using a checkbox?
   Ans: Use ng-true-value and ng-false-value.
5. What type of attribute or directive used to generate option elements for select option?
   Ans: ng-option attribute.
6. To create custom form elements—
   Ans: ng-model directive.
7. On which element the ng-click directive is use?

Ans: button element

Chapter 10

Using Binding and Template Directives

1. Which directive is used to create to way data bindings?

A. ng-repeat   B. ng-if   **C. ng-model**   - D. ng-bind.

2. Which directive   is used to conditionally display elements?

A. ng-repeat   **B. ng-switch**   C. ng-model   D. ng-display.

3. Use the ng-repeat-start and ng-repeat-end directives for repeating multiple top level attribute _____

A. True   B. False

4. Which are the Built-in ng-repeat variables?

A. $index   B. $first   C. $middle   **D. All of them**.

5. Which directive binds the innerText property of an HTML element?

A. ng-repeat   B. ng-if   C. ng-model   **D. ng-bind.**

6. We use ng-include directive ….

A. To load a partial view.

B. To create two way data bindings.

C. Repeat multiple top level attribute .

D. None.

7. Onload specifies an expression to be evaluated when the content is loaded_____

A. False   **B. True.**

1.**Directives** allow you to extend HTML to create the foundation for rich and complex web.

2.**when Directives use:**Directives are used throughout an AngularJS application.

3.why Directives use: Directives expose core angularjs functionality such as event handling form validation,and templates.

4.The first category of built in directives is responsible for ?

Ans:perfoming **data binding.**

5.Data binding :uses values from the model and inserts them into th HTML document.

6.The module are applied to HTML elements ?

Ans:with the ng-app directives.

7.The controller are applied to HTML elements ?

Ans:with the ng-controller directives.

20287. Why $sanitize service is used in AngularJS?

A) To remove dangerous elements and attributes from HTML.
B) Replaces dangerous characters in HTML strings with their escaped counterparts.
C) Clean all special symbols.
D) Clean all characters other than English alphabet.

20286. What is the Argument of using intervals() and timeouts() methods?
A) fn
B) delay
C) count
D) invokeApply
E) all of these

20281. What is the DOM API features?

A) $anchorScroll
B) $document
C) $location
D) $window
E) all of the these

20278. What is the features of exposing DOM?

A) $anchorScroll
B) $document
C) $interval
D) $log
E) all of these

20274. Which validation method returns true if the model value is invalid?

A) $error
B) $valid

C) $invalid
D) $isEmpty()

20273. Which validation object returns true if the model value is valid ?

A) $error
B) $valid
C) $parsers
D) $isEmpty()

20272. Whose properties returns an object correspond to validation errors?

A) $error
B) $valid
C) $parsers
D) $isEmpty()

20271. Which one is an array of functions used to validate the model value?

A) $setPristine()
B) $pristine
C) $parsers
D) $valid

20270. In jqLite the data(key) Method is a _____

A) Key from the second element represented by jqlite object.
B) Key from the first element represented by jqlite object.
C) Key from the last element represented by jqlite object.
D) None of these.

20269. Which jqLite method is not used to Modify?

A) addClass(name)
B) text(value)
C) text()
D) next()

20268. Which jqLite method is used to modify element?
A) next()
B) addClass(name)
C) find(tag)
D) children()

20266. jqLite is a _____.

A) new version of jQuery
B) expanded version of Ajax
C) cut down version of jQuery
D) extened version of JOuery

20264. Which are the jqlite method?

A) children()
B) eq(index)
C) find(tag)
D) next()
E) parent()
F) All

20262. In angular's jqlite the children() method doesn't support selectors?

A) Yes
B) No

20255. To check whether a reference is defined or not , we use _____

A) angular.isNotDefined()
B) angular.defined()
C) angular.isDefined()
D) none

20254. Which directive is used for creating a custom form elements?

A) ng-element
B) ng-custom
C) ng-model
D) ng-app

20253. Which one is treated as HTML attribute in AngularJS application?

A) Modules
B) Directives
C) Objects
D) JSON

20252. DI stands for _____ in AnguralJS

A) Data Injection
B) Dependency Injection
C) Database Injection
D) Data of Infromation

20251. What is the correct syntax of creating a module?

A) var myApp = angular.module("exampleApp", []);
B) var myapp = module.angular("exampleApp", []);
C) var myapp = angular.moduler([],"exampleApp");
D) var myapp = module.angular([],"exampleApp");

20250. Which are the top-Level components of an AngularJS applications.

A) Controllers
B) Modules
C) Scopes
D) Services

19864. Which marker is used to represent the full month name?

A) MM
B) M
C) MMMM
D) MMM

19863. Which marker is used for short representation of the month?

A) MMMM
B) yyyy
C) MMM
D) month

19862. Which marker is used to represent numeric month, without padding?

A) MM
B) y
C) M
D) E

19861. Which marker is used to represent day of month, without padding?

A) mm
B) y
C) d
D) E

19860. Which marker is used to represent full name of day of a week?

A) MM
B) EEEE
C) fullDay
D) EEE

19859. Which marker is used to represent short name of day of a week?

A) MM
B) y
C) EEEE
D) EEE

19858. Which of the following is used for Four-character representation of time zone?

A) MM
B) y
C) EEE
D) Z

19857. Which component is used to set marker for am/pm?

A) AA
B) a
C) EEE
D) MM

19856. Which filter is useful for mapping between strings that are capitalized for display in the HTML layout and property names?

A) Text filter
B) uppercase filter
C) lowercase filter
D) filter filter

19855. Which is not the Shortcut Formatting Strings Supported by the date Filter?

A) fullDate
B) mediumDate
C) longDate
D) fulltime

19854. Which Shortcut Formatting Strings is Equivalent to h:mm:ss a?

A) short
B) shortTime

C) fullDate
D) mediumTime

19853. What is the purpose of limitTo filter?

A) Filters all the data in database
B) Set limit to get the perfect data
C) Restricts the number of items taken from an array of data objects
D) Soft an array from a JavaScript object

19852. Filters are chained together using _____

A) ampersand (&) delimiter
B) comma (,) delimiter
C) Pipe (|) delimiter
D) plus (+) delimiter

19851. Which string pattern is used for a four-digit representation of the year in AngularJS?

A) yyyy
B) YYYY
C) Y
D) Year

19850. Which JavaScript method is used to round the numeric values and lose resolution?

A) Number.toFloorFixed()
B) Number.toRound()
C) Number.toFix()
D) Number.toFixed()

19849. Why Filters are used in AngularJS?

A) Filters are used to Edit data before publishing.
B) Filters are used to Validate data before displayed in a view
C) Filters are used to format data before it is processed by a directive and displayed in a view
D) Filters are used to add new data in tables

19848. What is to define commonly used data transformations so that they can be applied throughout an application, without being tied to a specific controller?

A) Modules
B) Directives
C) Filters
D) Controllers

19847. What is the way to create a filter that uses other filters?

A) Use the Module.filter method to specify a factory function
B) Add an AngularJS localization file to the HTMLdocument via a script element
C) Use the "filter" filter
D) Declare a dependency on the $filter service in the custom filter factory function

19846. What is the process of configuring JEvents?

A) Change Settings > Advanced Button > Configuration > Click Save
B) Advanced Button > Configuration > Change Settings > Click Setup
C) Configuration > Advanced Button > Change Settings > Click Save

D) Events > New Events > Configuration >JEvents> Save

19845. Which Method is used to create a custom filter in AngularJS?

A) Module.custom
B) Module.filter
C) Module.create
D) Method.filter

19843. To combine multiple filters we should use

A) Filter Bind
B) Filter Chaining
C) Filter Combine
D) Filter Chain

19836. To sort the objects in an array AngularJS use

A) orderBy filter
B) sortBy filter
C) sort filter
D) arrange filter

19834. "filter" Filter is used

A) to filter any data
B) to select object in an array
C) to select array of objects
D) all of these

19832. To select a limited number of objects from an array we should use?

A) limit filter
B) limitTo filter
C) NumberLimit filter
D) numberLimit filter

19831. The JSON Filter is used _____ in AngularJS

A) to filter raw data
B) to generate a JSON representation on JavaScript object
C) to search JSON data
D) to filter array data.

19828. Which is the case related filter for a string in AngularJS?

A) uppercase and lowercase
B) LowerCase and UpperCase
C) lowerCase
D) upperCase

19820. Filter transform the data before it is processed by

A) Module
B) Directive
C) Model
D) Scope

19814. Which is valid date filter in AngularJS?

A) Date

B) date
C) datetime
D) dates

19812. Which Filter we should use to format a general Numeric value?

A) numberFilter
B) Number
C) number
D) Numbers

19811. Which Filter we should use to format a currency value?

A) LocalCurrency
B) GlobalCurrency
C) currency
D) CurrencyFilter