**Angular – Barclays Interview questions**

1- difference between service and factory. which one is preferable?

answer: service uses constructor function and factory return object literal. prefer service over factory.

2- what is the purpose of $ in angularjs. diffrence between $ and $$

answer: $ and $$ is used to prevent name collision with code. angularjs prefixes name of public object with $ and private object with $$

3- what are the directives available in angularjs, which is the base directive in angularjs application. what is purpose of base directive , how you do manual initialization(use angular.bootstarp(appName, function(){})) andautomatic initialization(when html compiler found ng-app).

answer: ng-app, ng-repeat, ng-if, ng-class, ng-cloak ng-controller, ng-bind, ng-model etc...

the base directive is ng-app.

4- what is two way binding, how you can achive two way binding

answer: the changes in model will reflect in view and vice versa.  you can achive two binding using ng-model.

5- how you can use the directive in HTML page.

answer: define restrict property, when you create the directive. it can be element(E), attribute(A), comment(M) and class(C).

6- what is closure in javascript.

answer: the purpose of closure is making variable or function as private.

7-what is JSON, what are the methods available in JSON object. full form of JSON(Java script object notation)

JSON is javascript object having key value pair. I do not have idea about JSON object method.

8-var name = 'hari om';

console.log('your name: ', name);

console.log('your name: '+name);

both I had answered your name: hari om

9-how you write the directive for number of stars given by customer for amazon products.

answer: create one html template and provide templateUrl: xyz.html

and write logic inside link function.

10- what is MVC.

MVC design pattern abbreviated form of model view controller. it seperate the business logic with your view part.

11- What is SPA(single page application). how routing is configured in SPA framework.

inject ngroute in angular.module('appName',[ngRoute]).config(function($routeProvider){

$routeprovider.when('/', {

templateUrl: templateName ,

controller: controllername,

resolve: function(){}

})})

1)doctype in html  
2) how to do responsive web designing?  
3) what are parameters pass to <meta> tag  
4)how to define character set?  
5)In html we have multiple id'with same name, if we apply any css property to it then how it will get apply to all id's?  
6)difference between angular directives and components?  
7)what is media query? and its syntax?  
8)diff between less & sass?  
9)mixins in sass with syntax?  
10)explain em tag in html  
11)CSS -3 files with same class name and different properties which class properties will get apply?  
12)broadcas & emit in angular  
13)have you done responsive web designing before?

**Interview Questions**

1. Previously worked projects architectural flow
2. Manual bootstrapping in angular
3. Steps to create custom directive
4. Difference between service and factory
5. How to communicate between controllers
6. Use of SASS
7. What is closure in javascript
8. Which is the ideal place to use ng-app directive in html page
9. What are the methods available in JSON object
10. Difference between $http and AJAX
11. Protocal of $http
12. Write a directive to rate using stars for amazon products

answer: create one html template and provide templateUrl: xyz.html

and write logic inside link function.

1. Explain MVC design pattern
2. Explain self calling function
3. What are callbacks
4. How we can convert angularjs 1.x application in angular 2
5. Explain component life cycle in Angular?
6. What is responsive design? How to achieve it ?
7. Media query ? syntax ?
8. What is promise object ? What’s the difference between a promise and Observable?
9. CSS -3 files with same class name and different properties which class properties will get apply?
10. How would you intercept 404 errors in Angular 2
11. What is Lazy Loading and How to enable Lazy Loading?
12. Explain package.json file
13. What is transpiling?
14. Explain Webpack?
15. What is an impure pipe?
16. What Is Json Web Token in Angular 4?

1)      Worked projects and achievements in that?

2)      How pass events in Angularjs ?

3)      Do you sass ? have you worked on it ?

4)      What is closure ?

5)      How can I define global function in javascript ?

6)      What is Object Oriented Javascript ?

7)      Explain the process to write a custom directive

8)      How to interact with rest API ? what you prefer ?

9)      How to handle async call in angularjs ?

10)   What are the iterative directives  ?

11)   Difference between ng-hide and ng-if ?

12)   Difference between service and factory

13)   Process to manual bootstrap the angular application

14)   How we can convert angularjs 1.x application in angular 2

15)   What is json ?

16)   Other than json any other api format worked with?

17)   Explain how to call api

18)   What is spa ?

19)   What is responsive design? How to achieve it ?

20)   What is location api ? how we use it ?

21)   Difference between == and ===

22)   What is deferred object ?

23)   What is promise object ? (Don’t say it is toothpaste  ☺)

**Interview Questions**

1. Previously worked projects architectural flow
2. Manual bootstrapping in angular
3. Steps to create custom directive
4. Difference between service and factory
5. How to communicate between controllers
6. Use of SASS
7. What is closure in javascript
8. Which is the ideal place to use ng-app directive in html page
9. What are the methods available in JSON object
10. Difference between $http and AJAX
11. Protocal of $http
12. Write a directive to rate using stars for amazon products

answer: create one html template and provide templateUrl: xyz.html

and write logic inside link function.

1. Explain MVC design pattern
2. Explain self calling function
3. What are callbacks
4. How we can convert angularjs 1.x application in angular 2
5. Explain component life cycle in Angular?
6. What is responsive design? How to achieve it ?
7. Media query ? syntax ?
8. What is promise object ? What’s the difference between a promise and Observable?
9. CSS -3 files with same class name and different properties which class properties will get apply?
10. How would you intercept 404 errors in Angular 2
11. What is Lazy Loading and How to enable Lazy Loading?
12. Explain package.json file
13. What is transpiling?
14. Explain Webpack?
15. What is an impure pipe?
16. What Is Json Web Token in Angular 4?