**Angular Interview Questions**

1. What is Angular
2. What are single-page-applications
3. Angular versioning
4. What is node js
5. What is npm
6. How do you create new angular project
7. How do you run/start angular application
8. Where can you update and change the start/serve commands
9. What will be there in package.json
10. What is e2e folder
11. Which html file loads first
12. How to we load app component from index html
13. How do you display a string defined in ts file
14. What is ngModel? How do you use ngModel
15. Module used for ngModel?
16. What is type script? How will it runs in browser?
17. What is bootstrap? HOW TO INSTALL BOOTSTRAP AND configure it to use
18. How does Angular gets started and runs to display the required content?
19. What is main.ts file
20. What is a component
21. How do you create a component and what r the files in a component
22. From where we import component
23. What is a selector and templateUrl in component
24. What is app module
25. Does adding a component to appModule required
26. Is it required to add extensions like ts while importing
27. What are imports in @NgModule appModule file
28. How to add a component in another component
29. Can we write html code inside ts file. How?
30. How do you add styling
31. What is data binding
32. Types of data binding
33. What is string interpolation
34. How to add a button. How to disable a button
35. What is property binding. How to use property binding . How to update attribute value based on ts file variable
36. Example of using property binding instead of string interpolation. When to use which one
37. What is event binding
38. What is two-way event binding. Diff between one-way and two-way data binding
39. What are Directives
40. Why \* is required for ngIf directive. Use of ngIf with else(use of ng-template directive)
41. What is and How to use ngStyle directive
42. What is and How to use ngClass directive
43. What is ngFor component and how to use it
44. How to use ngFor with index
45. How to skip spec file while generating componenet
46. How to create component in another folder while generating
47. How to use column functionality of bootstrap
48. How to add a horizontal line in html
49. What is a model. How to create it
50. How to display properties/variables of Object in html
51. How to display image with the image path in an object
52. Can we use interface as a model. Do we need to create constructor in interface

Debugging

1. Where do you check error if the functionality is not working
2. How to debug the code to check values and check compilation line by line
3. We have property and event binding which trigger an event. Can we also trigger an event from ts file?
4. What is input and how to use it
5. What is output and How to use it
6. What is view encapsulation
7. What is shadow DOM
8. How to disable view encapsulation
9. What is Local reference and How to use it
10. ViewChild directive for Angular 8+
11. What is ng-content
12. Lifecycle of component
13. What is @ContentChild
14. Can we create a custom directive. How do we do it
15. How to use custom directive and pass the value from HTML. Dynamically setting value (Renderer, HostListener, HostBinding)
16. What happens behind structural directives
17. How to create custom structural directives
18. ngSwitch directive. When do we use and how do we use

Services

1. What are services. How to create a service
2. How to access a service method using dependency injector
3. What is Hierarchical injector
4. How to inject one service into another service
5. Using services for cross-component communication

Routing

1. Why routing is required
2. Where to add routes module to access throughout the app
3. How do you add routes in app.module ( with nested/ child routes)
4. What is routerLink
5. Diff between routerLink =”servers” and routerLink =”/servers”
6. What is routerLinkActive directive?
7. What is routerLinkActiveOptions directive
8. How to call a method and do implement logic. Once the logic is done then navigate to the route
9. Using Relative paths in ts file programmatically
10. How do you set routes with parameters
11. How to fetch params rom routes
12. Why shouln’t we use this.route.snapshot.params[‘id’] instead of subscribe
13. Passing query params and fragments to route
14. Fetching queryParams
15. Condition while passing query params
16. When we do a relative path routing without queryparams then it might remove the queryparams. How to can we fix this
17. How to you redirect to diff component on some condition
18. What are route Guards
19. What are canActivate and canActivatechild
20. What is a promise and how to implement
21. If we implement canActivate which return true if user is authenticated. Then how to guard route based on canActivate
22. Can we add guard only for child components
23. How to use canDeActivate guard for routes
24. How to pass static data to route

Observables

1. What is an Observable
2. Which package to install Observables from?
3. What is Observable in (this.route.params.subscribe(params: params) => {})
4. How to use a observable
5. Why should we destroy Observable
6. How to create a custom Observable
7. Will complete and error ends the Observable
8. What are Operators in rxjs library
9. How to use Operators
10. What are subjects and how to use them. Diff between EventEmitter and Subject

Handling forms

1. Why forms in Angular
2. What are two approaches in Angular forms
3. How Angular controls the forms .How to submit in Angular (till page 33)

Pipes

1. What are pipes
2. Transform output to uppercase using pipe
3. Transform output to date
4. How to parametarize a pipe