Angular Questions:

Block of Angular :

1. **Modules**
   1. A group of component, directives, pipes and services that are related together
   2. It is a \*.ts file 🡪 @ngModule

ng generate module [name]

It is class file

1. **Components**
   1. They are the classes that interact with html files which gets displayed in browser.
   2. Breaks down the application to smaller piece
2. **Templates**
   1. It is template element that Angular uses with structural directives (\*ngIf, \*ngFor and custom directives).
   2. Could be a URL of the page
3. **Directives**
   1. Directive add behavior to existing DOM like \*ngif and \*ngfor
4. **Databinding**

There are 3 types

* 1. Property biding
     1. This.title = ‘arash’
  2. Event binding
     1. When user interacts with application in the form of keyboard movement the event occurred so that we can map this event in to the method of component class
  3. Two way biding 🡪 ng-model  
     **[(ngModel)]="muscle.id" readonly** />

1. **Services**
   1. The are classes that We use the same code in different component

Create 🡪 ng genaret service [service\_name]

@Injectable

There are service shared and injectable

1. **Dependency** **injection**
   1. Giving reference of one object to other
   2. Mostoly giving the reference of a Service to a client
2. **Routing** 
   1. We forward user to this.router.navigate([‘/component\_name’]);
   2. help the user to navigate through different pages
   3. It is the class file that provides calls to back-end
3. **What is Transpilling**

Converts TypeScript to Javascript

1. **When data bound input value is modified ?**
   1. ngOnChanges()
2. **Difference between component and Directive** 
   1. Components break down the apps to smaller piece including ts and html
   2. Directive add behavior to existing DOM like ngif and ngfor
3. **What is @input and @output**

To pass a value from parent component to child component --> @input in child

To pas a value from Child to parent component 🡪 @out in child

1. **<ng-content> directive**

is <p> <h1> in Html 🡪 ng-content directive

1. **Service** ?
   1. We use the samde code in different compoennts

ng generate service [service-name]

@Injectable

1. **Dependency injection in Angualr**

When the component dependent the other component and componenet provided to another component

1. **Event**
   1. Any activities in VIEW has event that passed from view to typescript
2. **Explain the usage of {{}}**

Represents data from component

1. **Sequence of Angular life cycle** 
   1. OnChange()  -  OnInit()  -  DoCheck()  -  AfterContentInit()  -  AfterContentChecked()  -  AfterViewInit()  -  AfterViewChecked()  -  OnDestroy().
2. What is package.json ?
   1. Define and manage project dependencies
3. What is **ngModel**
   1. Directive to apply text field for two ways binding
4. Subscribe method
   1. When calls independent execution of the observable is called

Steps to create ngm

npm install -g yo

npm install -g bower

npm install node-sass

npm install ng-jhipster

to build 🡪 yarn install

npm install -g gulp

unit test with jasmin and karma