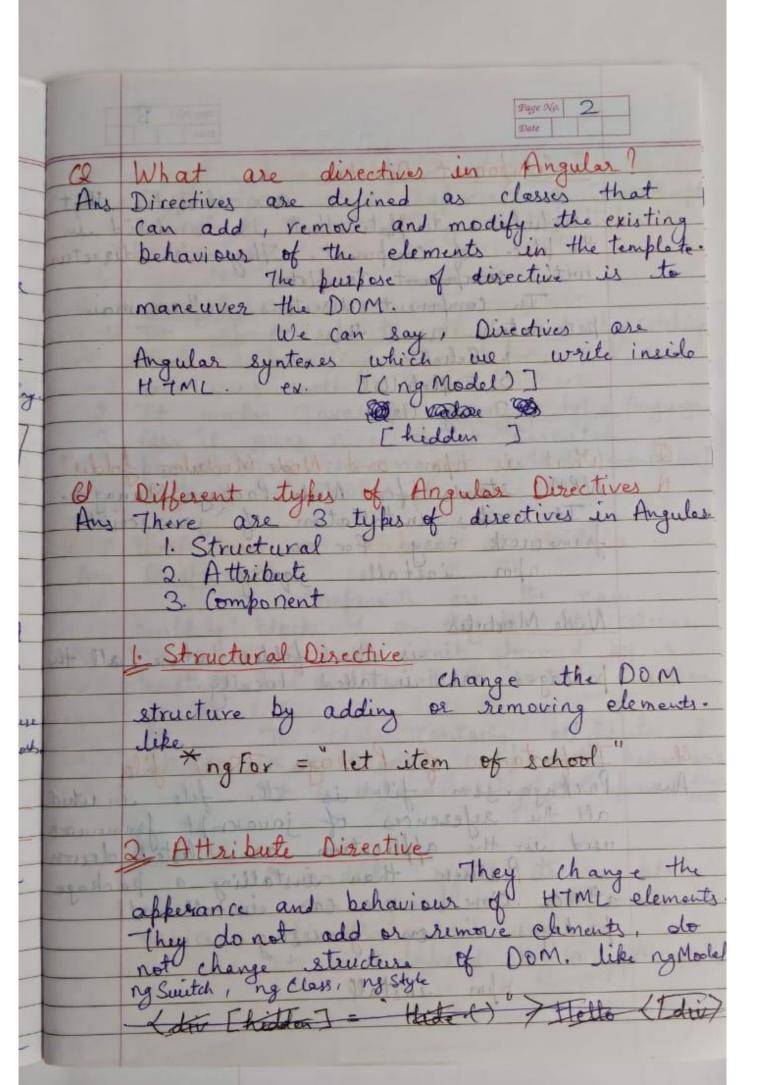
LOC .				
		Interview Questions	Date Date	
Q 1. Ans.	Al. What is Angular & tell its uses? Ans. Angular is a Javascript binding framework which binds the HTML, UI & javascrift model. This helps you to reduce your effort on writing lengthy lines of code for binding.			
	View / View - Model / Model HTML Angular Object			
	View-modern is taken in taken to the septendency of which	del is the kind case by Angular also helps y the concept of other features Injection, Inbe you do not	ou to build SPA routing. It also like HTTP, at a Dutfut because need other framework	
GL .	Angu Language Architecture	lar Je Davascript MVC Controller	Angular Typescript MVVM Component	
	CLI Lazy loading Mobile Complaint SEO	No	Yes Yes Yes	
	Version		2 and above	



3. Component Directive are directive that include a template that is rendered in the place of component. They are directing with component templates. In component directives, three main parameters are there -2. template Usl 3. style Usla What is nom and Node Modules folder! NPM stands for Node Package Manager. It makes installation of Javascrift frame work easy. For ex. npm install jquery Node Madules packages are installed locally. Importance of Package. ISON file Package. Ison file is the file in which all the references of javascript framework used in the application are listed down:
Rather than installing a package at a time, we can install all packages un on gousing N/m install

Ans. Typescript is a superset of Javascript It extends Javascript by adding types to Vez It speeds up the development by catchine errors & providing fixes before you even from your code. It makes Javascript strongly typed language.
Also it gives nice object oriented programming environment which transpiles!

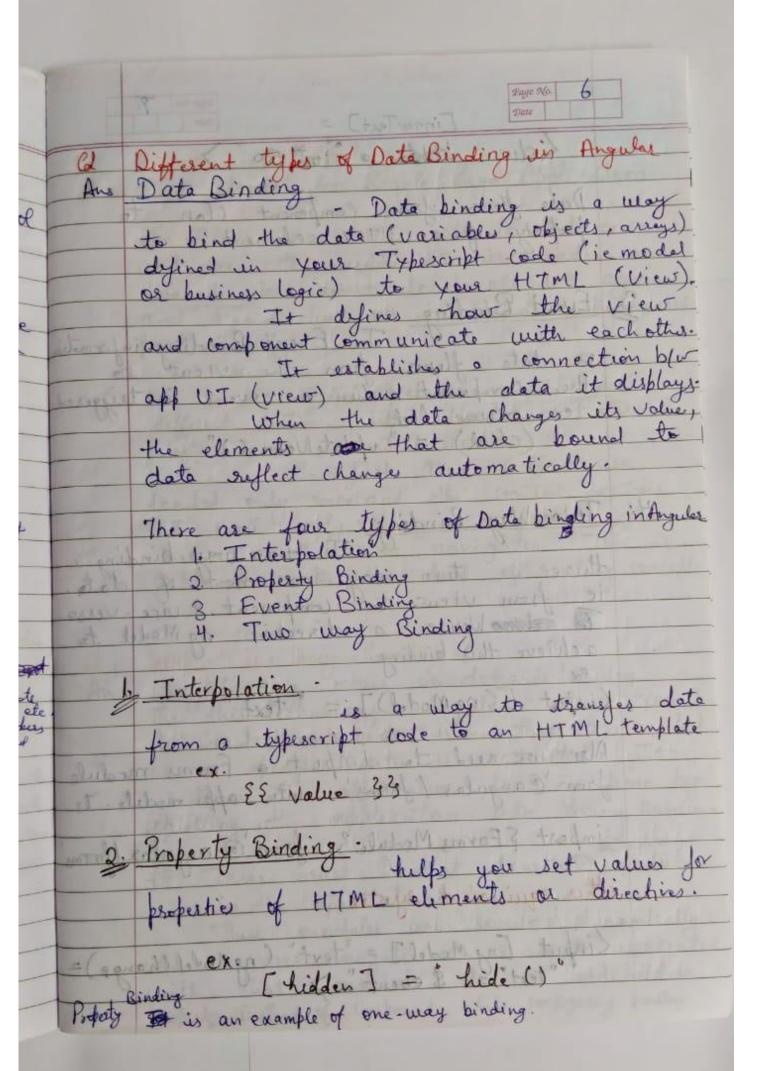
Converts to Javascript. ny Component & Modules Ans Component Components are the main building blocks of an Angular Application.

It is a reusable unit formed by a template and a class that controls exection the The class contains attributer & methods that describe component's behaviou It is defined using @ component decor ich Modules A module refers to a place where we can group the components, services, directives and pipes.

It is defined by @Ng Module

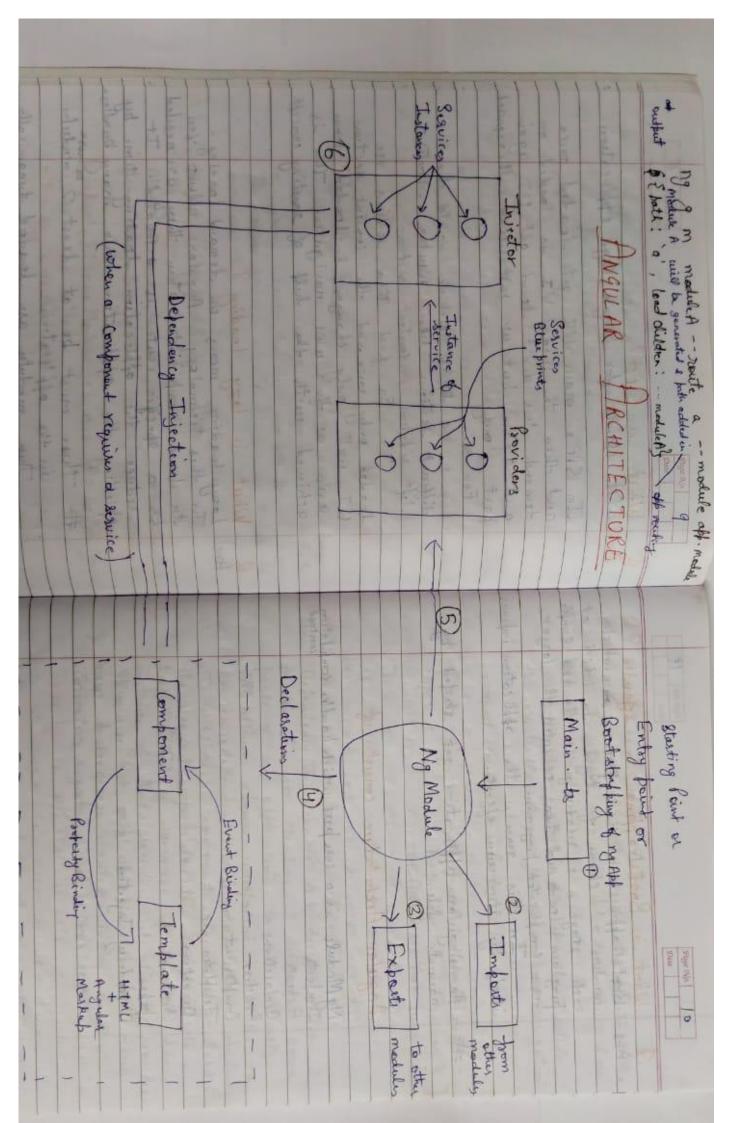
What is Angular CLI? for command Line CLI stands Ans Interface. It is a command line that is designed to aid developers in creating, building, testing and deploying Angular applications efficiently.

It helps developers to create projects easily and quickly. Rather than starting from ecratch, we have some boiler blate code. What are Annotations, Meta Data Decorator in Angular? To create a component in Angular, you define a Typescript class & annotate it with the @ Component decorator. @ Component is the annotation. es metadata, about the composition It provides a Class, its such as its selector, temple a class of its neighbor should be treated a class of its neighbor should be treated Some other annotations are @ Ng Module Directive @ Injectable @ View Child Annotation and Decorators are same things.



Date flows from component Class property of a HTML element. 3. Event Binding or date flows from the view to the Component when an event is triggered cx. mouse click (click) = "update Name ()" 4. Two Way Binding there is two way movement of data ie from view to component & vice-verse. The matter Weuse a directive ng Model to a chieve this kinding. Lingut [(ng Model)] = "text" Also we need to import a forms module from Cangular / forms' into app. module Is import & Forms Modele 3 from @ angular/forms other equivalent syntie: Linfut [ny Model] = "text" (ng Model Change)=
"text" = \$ event" >

Ans SPA stands for Single Page Application. In SPA's main VI gets loaded once and then the needed VI is loaded on demand. We don't load all UT again part only. a typical website could have ed. different sections like Nav bas, Footer, side bas, content section. So first three sections are loaded only once and the content sections UI will only changes & loaded from server as the user navigates. This is achieved with the help of routing concept. What is lazy Loading? Ang Lozy loading means on demand loading. In this technology, Angular allows you to load components when they are needed os a specific route is activated. It seduces the application loading time by splitting the application into many bundles. # there must be at least 2 modules in the application. These modules are loaded dynamically when a user navigate to a route associated with that module. We use ladd Children property instead of component while configuring routes.



What is Bootstrapping in software Bootstrapping is the process as which involves a chain of stages, in which at each stage, a relatively small and simple program loads and then executes the larger, more complicated program. the opplication infrary itself by its own efforts. An Angular application, get starled main to file. Angular Architecture consists of Ng Module is a core part which handles compilation context Exports Declaration Provider Component was the Templates Direction Surices pipes Dependency Injection

9 mge 0(s). 13
Advantages of D Internal
1. Koiles blate 10de is heduced , as united
of dependencies is done by the Injector company
2 Extending the application becomes more margrapher
s. In enables 10012 way when mainten
Consistency.
If not using DI, then
! (ade will not be flexible. Any time dependent
change, the dependent classe needs to be
Changed as well.
2. Code is not buitable for testing. Anytime
you instantiate a service, a new singtene
will get created a you will get from
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d What does ng build prod ?
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So, whenever we want to diploy
our code to production, we must use this Command.
the true command.

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1	Ane.	Observable	Monte TITI - wante
1	1	Observables can emit	Promise can emit only
1	3- 4	Observables can emit multiple values over time.	Promise can emit only single value.
in		THE PART FRANCISCO OF	to the property of the same
7	2	Observables are lazy.	Bomises are not lazy. They execute immediately
7	to b	Observables are lazy. It will execute only after subscribing it:	They execute immediately
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13	3.	Observables can be synchrons or a synchronous.	Promises are asynchrono
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	4.	Observable can be unsubscribed.	fromises can't be
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	5.	Observables have different	Promises don't have any function.
		Observables have different Rx JS functions like filter, mob, reduce éle.	any function.
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	2	what is View Model	and template?
9	Ane	Template - In Angula	r, template refers to
tim	A	Pom element	, directives. It is
US	2 32	the HTML	part.
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JIT stands for Just - In- Time. It a type of compilation in which compilation is which compilate is done at the suntime just before the execution of the program is coole get compiled when it is needed, not contact whole application's coole get compiled at the build time like in AOT. ADT stands for Ahead- Of- Time. The ADT compiler converts the code during build phase long before the browser download and runs the code. Advantages of AOT 1. Faster Rendering pre-compiled, so it gets rendered directly on the browser. 2 Smaller Angular framework Dounload Size the app is already compiled, so there is no need to download Angular compiler. It dramatically reduces the application paylow 3. Earlier Detection of template Errors

Template
binding errors are reported during build
time

51	Tage Vo. 16
1000	Date
Fewer Asynchronous Request	
	The compiler
inlines the external HTML	templetes and
CSS style sheets within a	phlication at
build time.	Constitut I
acces active.	
Rotter Security	en the trail 12
Better Security AOT Con	npiles HTML
templates and components is	nto JS files
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upto Angular 8 - JIT Angular 9 and above - AOT

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No. Cont.	Compiler and Compiler the	acts compiled at the
76	displaying in the browser	gets compiled at the
		Loading of app is
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		smaller.
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