

DI DMy Api. interface Myppid. & GET (" test") Suspend fun donétwork (all () 1 MyRepository. interface. Myropository { 3. sugend fun do Nchwork Call () repository as that is where our sepending Injection Starts.

The way we doin it is using the constructore.

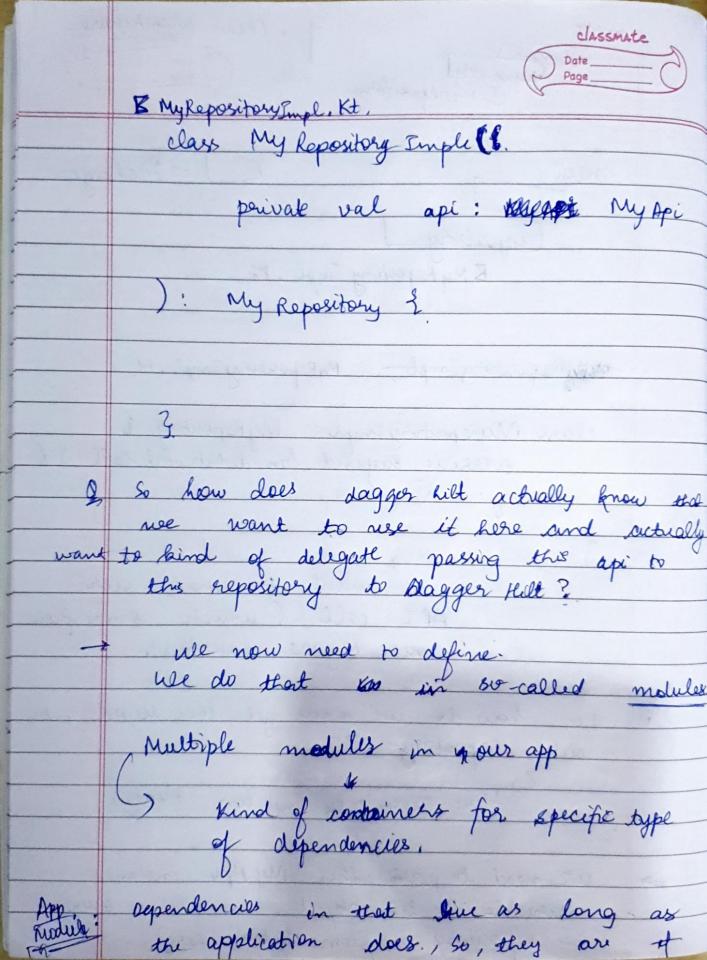
Clean architechure.

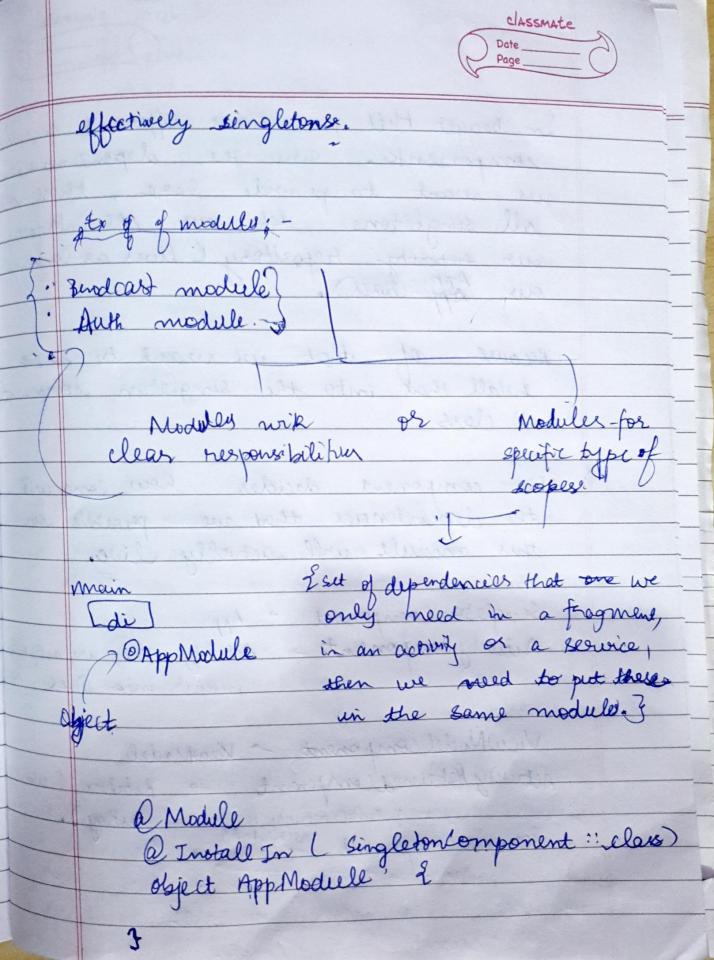
Date
Page Lamain (Crepository) Emy Repository main

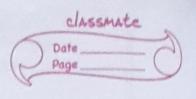
[data]

(repository

R My Repository Impl. Kt. - fachage. My Repository Impl. My Repository Impl. H. clars MyRepositoryImpl: MyRepository I
override suspend fren doNetrwork tall () { Al I call. (which comes from over MYAPI interface). So, how do we now get the MYAPI into Here Dependency Injection starts, we need to pass this My Api instance reariable to the object which is overy the repository implementation there.







In Dagger Hill we have different so called components. Since the dependencies that we want to perovide horse, those one all singletons, like our API interface, our supposity repository & lives as long as our supplications.

install that into the singleton component.

: class.

the dependencies that we provide in this module will actually live.

Singleton Component - App.

Activity Component - Activity they are actually integed into lives

VicuModel Component > KiewModel

Activity Retained Component - Rotation (won!)

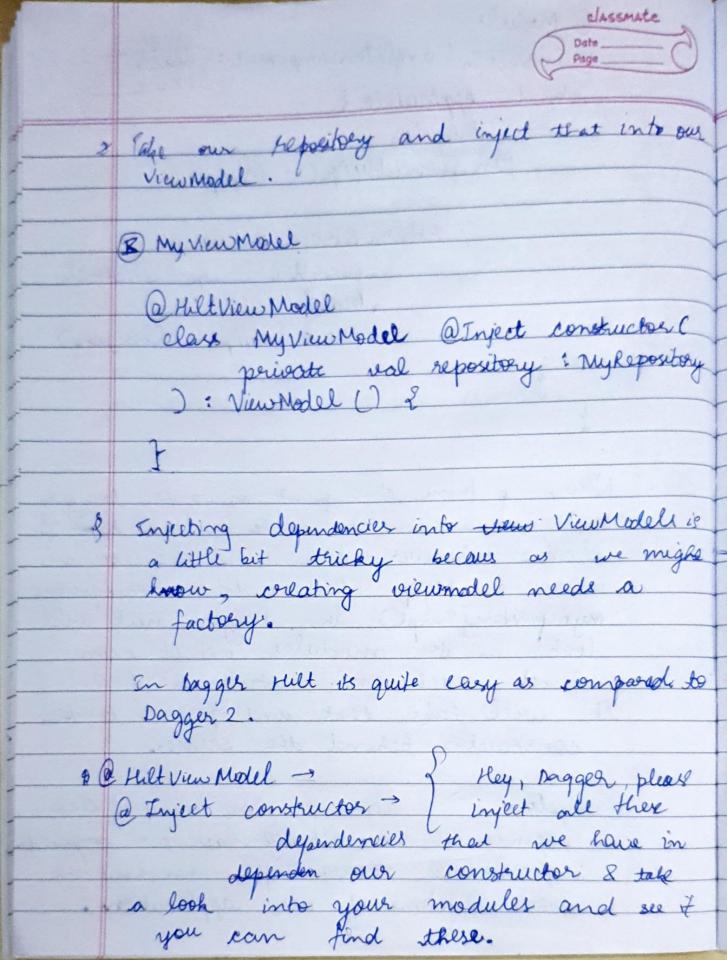
Furny activity 18 - destroy).

Service Component - Courte D

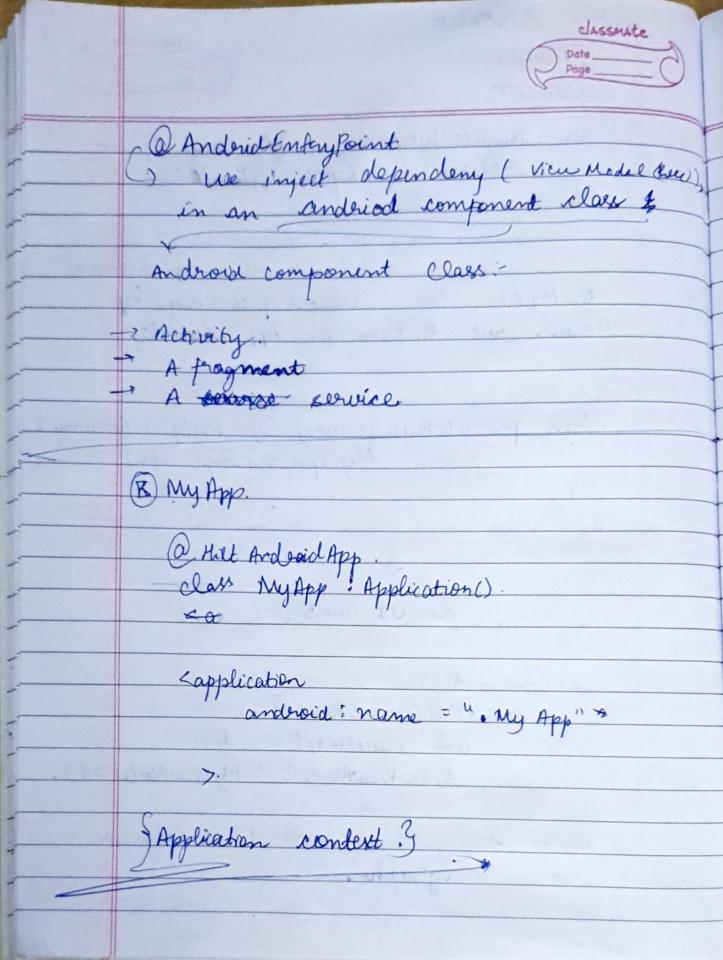
@ Install In (Singleton Component Classmate Object AppModule &. object AppModule & a Perovides

Singleton

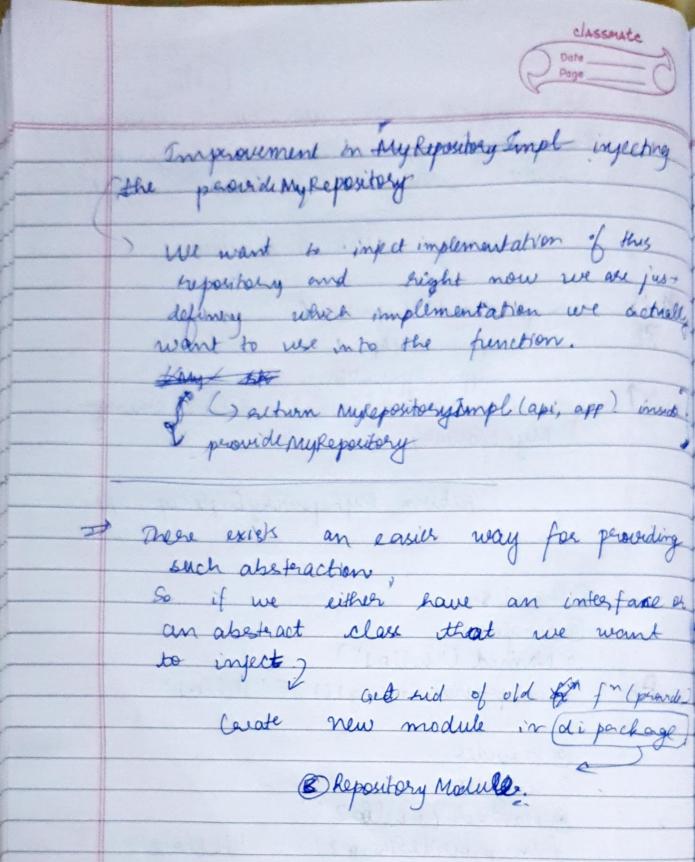
Fun perovideMy ApiC): My Api { Return Retrofit Builder () · base Werl (" Lips: 1/test. com"). , build · create (myspi: class. java) Now, & from this point onwords, Dagger tell knows how to areate this to type of class: whenever, we kind of request an instance of MyApi. (like we do in MyReportory my Repository Impl) then dagger hilt will look in its modules ; it it can find such an instance & if it it will take that and pass it to the constructor behind the scene. a singeton > Scope > how many of these dependencies we actually have per components) Single instance thoughought throughout the whole lifetime of our applications,



Exter @ Approdule Classmate Date Page & Paravides & Scrafeton fun perovide Mykepostory (): Mepository of Ereturn Mykepository Imple () We need an instance of My API here created previously by Dagger Litt Wilt in the App Module. fun provide My Repository (api: My Api): Repository & return My Repository Empl (api). Now UI layer get Content & Dagger Helt Course Them & val view Model = Lab hilt Niew Model < My View Model > () ento &) scoped to surrent navigation igraph.



What happens inher we have 2 dependencies of the same type?, How does Dagger Helt know which one it should inject? By using @Named Annotation: fun perouide My Repository C M Sh api; MyApi, app : Application . @ Named ("hello") hello1: string : Mypepository 2 return My Reparitory Imple (api, app). (a) Provides: (a) Singleton @ Named ("hello 1") fan provide stering 10) = "Hello!" (a) Perovides. @ singleton @ Named (whelko 2") "Helloz" fun providesteing 2() =



Using abstract classes for injection:

@ Install In Chingleton Component: class. Date_page_ abstract class Repository Module &. (a) Birds abstract fun bindMyRepository (
myRepository Impl: MyRepository Impl
): MyRepository. won'd hum tho we have to do? Class Myrepository?mpl @ Inject constructor
perivale val apri: My Apri,