Java question

What is default value of int and object

What is difference between abstraction and encapsulation

<https://www.educba.com/abstraction-vs-encapsulation/>

Activity Question

Q).what is android activity and life cycle method

<https://shubham-nikam.medium.com/understand-the-activity-lifecycle-e4526ec1c436>

<https://aalishan565.medium.com/activitylifecycle-callbacksa-b-and-b-a-c50ec2e3d984>

<https://medium.com/android-dev-hacks/android-interview-questions-and-answers-part-1-f913877d3a4e>

Q)what is fragment life cycle in android

<https://blog.mindorks.com/android-fragments-and-its-lifecycle>

Q)why is it recommended to use only the default constructor to create a

fragment?

Android framework decides to recreate our fragment. orientation changes it,recreates the fragment using the no-argument constructor and attaches a bundle to the fragment as it has stored the bundle earlier.

Q)How to send data to the main thread from the background thread?

<http://techtej.blogspot.com/2011/02/android-passing-data-between-main.html>

1. What is Broadcast Receiver and interview question
2. What is difference in MVVM and MVP and Why we use MVVM over the MVP?

<https://medium.com/mindorks/using-mvvm-android-jetpack-ebf1d9c1477c>

Q)What is Services

<https://aalishan565.medium.com/android-services-frequently-asked-interview-questions-d33b37adf06d>

Android Question

Q)What is the solid principle of android

<https://medium.com/mindorks/solid-principles-explained-with-examples-79d1ce114ace>

Q)explain file structure of Android

<https://guides.codepath.com/android/Android-Directory-Structure>

1. what is android activity lifecycle and method?

Q)what is fragment lifecycle?

<https://codkiller0911.medium.com/android-fragments-101-f8df8477c21a>

Q)What is Launch mode and types?

<https://medium.com/mindorks/android-launch-mode-787d28952959>

Q)What is Intent and their type explain Implicit Intent and Explicit

<https://medium.com/@huseyinozkoc/all-things-you-need-to-know-about-intent-in-android-development-cb299b6b5918#:~:text=Firstly%2C%20I%20want%20to%20start,service%20and%20Delivering%20a%20broadcast.>

<https://google-developer-training.github.io/android-developer-fundamentals-course-concepts-v2/unit-1-get-started/lesson-2-activities-and-intents/2-3-c-implicit-intents/2-3-c-implicit-intents.html>

Q)What is Intent and Intent filters?

<https://medium.com/@saranyaan2710/android-tutorials-for-beginners-intents-and-filters-127970430ee4>

Q)how to publish apk over the google play store?

<https://medium.com/sitesonic/how-to-publish-your-app-on-google-play-store-5768c09ae71>

<https://medium.com/@the_manifest/how-to-publish-an-app-on-google-play-a-step-by-step-guide-80f9f533e370>

Q)how to redues apk size?

<https://www.geeksforgeeks.org/how-to-reduce-apk-size-in-android/>

Q)How to set different langage in app

<https://medium.com/cnk-tech/android-multi-language-support-6b2109fe7aea>

Q)what is google map and use? how to intergate in android?

<https://medium.com/@paultr/google-maps-for-android-pt-1-intro-setup-5f22a1417995>

Q)What is broadcast Receiver and types usages

<https://medium.com/@kreynaldi04/android-fundamentals-07-3-broadcast-receivers-3e9f2f9cfb40>

Q)what is asyntask and how to execute parellel exceution

<https://www.tutorialspoint.com/android-asynctasks-parallel-execution>

Q)what is handler and how to use and implement

https://blog.mindorks.com/android-core-looper-handler-and-handlerthread-bd54d69

fe91a

<https://medium.com/@ankit.sinhal/handler-in-android-d138c1f4980e>

Q)how to pass data from fragment to activity

<https://medium.com/swlh/communicating-a-fragment-with-other-fragments-and-activities-720925a7d9d1>

Q)what is difference between jdk and dvm

<https://www.geeksforgeeks.org/difference-between-jvm-and-dvm/>

Q)serializable vs Parcelable

https://www.tutorialspoint.com/difference-between-parcelable-and-serializable-in-android

<https://proandroiddev.com/serializable-or-parcelable-why-and-which-one-17b274f3d3bb>

<https://medium.com/@manuaravindpta/serializable-vs-parcelable-1eb9191709d0>

Q)What is Service and types

<https://google-developer-training.github.io/android-developer-fundamentals-course-concepts/en/Unit%203/74_c_services.html>

Q)what is the difference between Service and IntentService?

<https://blog.mindorks.com/service-vs-intentservice-in-android>

-why we use intent service

Ans-10 thread u can assigned run one by one using worker thread

Q)Can I display or update UI from Service? If Yes then How ?

<https://medium.com/@anitaa_1990/how-to-update-an-activity-from-background-service-or-a-broadcastreceiver-6dabdb5cef74>

Q)how to implement migrations how to achive what is migrations in room why we do migrations

<https://medium.com/androiddevelopers/understanding-migrations-with-room-f01e04b07929>

Q)what is AIDL and implementation?

<https://medium.com/android-news/android-aidl-937daf89e685>

Q)What is Broadcast receiver and type useage, implementation?

<https://medium.com/@kreynaldi04/android-fundamentals-07-3-broadcast-receivers-3e9f2f9cfb40>

Q)What is Lunch mode and types?

<https://mohamedyousufmo.medium.com/understand-android-activity-launch-mode-c21fcecf04b8>

Q)what is android-app-bundles

<https://android-developers.googleblog.com/2021/06/the-future-of-android-app-bundles-is.html>

Q)What is View and viewgroups- UI components?

<https://medium.com/@Abderraouf/understand-android-basics-part-3-ui-is-all-what-matters-to-the-user-views-viewgroups-c503017c3cb4#:~:text=A%20ViewGroup%20is%20an%20invisible,can%20create%20more%20complex%20layouts.>

<https://medium.com/@Abderraouf/understand-android-basics-part-2-ui-is-all-what-matters-to-the-user-xml-android-6492c434a850>

Q)what is difference between view and viewgroup

<https://medium.com/@huseyinozkoc/android-view-and-viewgroup-6667a20724c5>

Q)what is recyclerview work in internally.

<https://medium.com/1mgofficial/how-recyclerview-works-internally-71290de5d2c4#:~:text=RecyclerView%20does%20not%20allocate%20an,layouts%20as%20the%20user%20scrolls.>

Q)What is UI testing

<https://google-developer-training.github.io/android-developer-fundamentals-course-concepts-v2/unit-2-user-experience/lesson-6-testing-your-ui/6-1-c-ui-testing/6-1-c-ui-testing.html>

Q)when memory leak occurred in android

<https://www.geeksforgeeks.org/memory-leaks-in-android/>

**Rxjava and MVVM Jetpack Component**

Q)what is Rxjava

[https://mindorks.com/course/learnrxjava/public/chapter/id/2/page/id7](https://mindorks.com/course/learn-rxjava/public/chapter/id/2/page/id/7)

1. what is Types of Observables in Rxjava?

<https://mindorks.com/course/learnrxjava/public/chapter/id/2/page/id/8>

Q)What is Schedulers in rxjava

<https://mindorks.com/course/learnrxjava/public/chapter/id/2/page/id/9>

Q)What is Rxjava and use implementation

<https://codkiller0911.medium.com/rxjava-rx-android-part-i-a50f8c9cedf6>

<https://aalishan565.medium.com/rx-android-3c3f6555696f>

Q)what is new jetpack android?

<https://medium.com/androiddevelopers/whats-new-in-jetpack-1891d205e136>

Q)what is jetpack compose component in android? and step by step implementation?

<https://blog.mindorks.com/jetpack-compose-tutorial>

Q)what is role of livedata in viewmodel

<https://blog.mindorks.com/understanding-livedata-in-android>

Q)what is room with viewmodel implementation?

<https://google-developer-training.github.io/android-developer-fundamentals-course-concepts-v2/unit-4-saving-user-data/lesson-10-storing-data-with-room/10-1-c-room-livedata-viewmodel/10-1-c-room-livedata-viewmodel.html>

Q)explain android architecture components

<https://blog.mindorks.com/what-are-android-architecture-components>

Q)what is viewmodel

<https://blog.mindorks.com/android-viewmodels-under-the-hood>

Q)what is databinding

<https://medium.com/@frankStrangerZ/android-databinding-basics-one-way-two-way-and-handler-2dcef824aa0c>

Q)what is difference between mvp and mvvm

<https://www.educba.com/mvp-vs-mvvm/>

Q)what is difference between Room db and Sqlite db

https://medium.com/mindorks/using-room-database-android-jetpack-675a89a0e942#:~:text=Room%20vs%20SQLite&text=to%20Java%20objects.-,Room%20provides%20an%20abstraction%20layer%20over%20SQLite%20to%20allow%20fluent,the%20full%20power%20of%20SQLite.&text=In%20the%20case%20of%20SQLite,SQL%20validation%20at%20compile%20time.

Q)what is navigation and using implementation

<https://blog.mindorks.com/jetpack-navigation-component-in-android>

Q)Which one is the better library among glide and picasso for image loading from server

<https://stackoverflow.com/questions/41886999/picasso-and-glide-which-one-the-best-for-get-image-form-server>

Q)what is dagger

<https://medium.com/@harivigneshjayapalan/dagger-2-for-android-beginners-di-part-i-f5cc4e5ad878>

Q)Difference between livedata and mutablelivedata in android?

<https://stackoverflow.com/questions/55914752/when-to-use-mutablelivedata-and-livedata>

Q)what is workmanager in android

<https://medium.com/androiddevelopers/introducing-workmanager-2083bcfc4712>

Q)Difference between WorkManager, JobScheduler and Firebase JobDispatcher

<http://www.douevencode.com/articles/2018-05/android-work-manager-one-scheduler-to-rule-them-all/>

What is dagger 2

<https://developer.android.com/training/dependency-injection/dagger-android>

Java Question

<https://www.javatpoint.com/java-tutorial>

Q)what is class and object

<https://www.javatpoint.com/object-and-class-in-java>

Q)what is inheritance-in-java

<https://www.javatpoint.com/inheritance-in-java>

Q)what is constructor

<https://www.javatpoint.com/java-constructor>

Q)what is this keyword

<https://www.javatpoint.com/this-keyword>

Q)Difference Between the Constructor and the Method in Java

<https://www.javatpoint.com/constructor-vs-method-in-java>

Q)what is method-overloading-in-java

<https://www.javatpoint.com/method-overloading-in-java>

Q)what is inheritance-in-java

<https://www.javatpoint.com/inheritance-in-java>

Q)what is method overriding in java

<https://www.javatpoint.com/method-overriding-in-java>

Q)what is super keyword

<https://www.javatpoint.com/super-keyword>

Q)can i used static method in method oveloading and method overiding

<https://www.javatpoint.com/can-we-override-static-method-in-java#:~:text=Can%20we%20override%20a%20static,we%20cannot%20override%20static%20methods.>

Q)what is interface and abstract class difference?

<https://www.javatpoint.com/difference-between-abstract-class-and-interface>

Q)what is abstract-class-in-java

<https://www.javatpoint.com/abstract-class-in-java>

Q)what is difference bt class and object

<https://www.javatpoint.com/difference-between-object-and-class>

Q)if i created private method in abstract class can i override private method in subclass that is possible?

<https://www.tutorialspoint.com/can-we-declare-an-abstract-method-private-protected-public-or-default-in-java#:~:text=If%20a%20method%20of%20a,abstract%20method%20cannot%20be%20private.>

Q)what is try and catch block? can i use multiple catch in try block?

<https://www.javatpoint.com/multiple-catch-block-in-java>

Q)what is throw and throws

<https://www.javatpoint.com/difference-between-throw-and-throws-in-java>

<https://www.javatpoint.com/throws-keyword-and-difference-between-throw-and-throws>

<https://www.javatpoint.com/throw-keyword>

Q)difference-between-final-finally-and-finalize

<https://www.javatpoint.com/difference-between-final-finally-and-finalize>

Q)Difference between String and StrinBuffer

<https://www.javatpoint.com/difference-between-string-and-stringbuffer>

Q)how to create immutable class?

<https://www.javatpoint.com/how-to-create-immutable-class>

Q)what is difference between encapsulation and abstraction

<https://www.javatpoint.com/abstraction-vs-encapsulation-in-java>

Q) What is the difference between StringBuffer and StringBuilder?

<https://www.javatpoint.com/difference-between-stringbuffer-and-stringbuilder#:~:text=StringBuffer%20is%20synchronized%20i.e.%20thread,the%20methods%20of%20StringBuilder%20simultaneously.>

Q)what is classloader in java

<https://www.javatpoint.com/classloader-in-java>

Q)what is try-catch block in java

<https://www.javatpoint.com/try-catch-block>

# Q)Why multiple inheritance is not supported in JAVA?

<https://javagoal.com/why-multiple-inheritance-is-not-supported-in-java/>

Q)what is diamond problem in multiple inheritance

<https://javagoal.com/diamond-problem-in-java/>

1. JDK vs JRE and JVM

https://javagoal.com/difference-between-jdk-jre-and-jvm/

Cross question

1. Can we overload static method in java

<https://javagoal.com/can-we-overload-static-method-in-java/>

Q)Can we overloading main-method in java

<https://javagoal.com/overloading-main-method-in-java/>

Q)Can we override the final method in java

<https://javagoal.com/can-we-override-the-final-method-in-java/>

Q)can we do constructor-overloading-in-java

<https://www.javatpoint.com/constructor-overloading-in-java>

Collection java

Q)hashmap vs hashtable

<https://www.javatpoint.com/difference-between-hashmap-and-hashtable>

Q)what is difference between list and arraylist?

<https://www.geeksforgeeks.org/difference-between-list-and-arraylist-in-java/>

Q)what is arraylist how it work internally may i know default size of arraylist

<https://javagoal.com/internal-working-of-arraylist-in-java/>

Q)What are the differences between arrays and collections?

<https://www.tutorialspoint.com/difference-between-arrays-and-collection-in-java#:~:text=Arrays%20can%20hold%20the%20only,both%20homogeneous%20and%20heterogeneous%20elements.&text=On%20the%20other%20hand%2C%20collection,the%20primitive%20type%20of%20data.>

Kotlin Question

<https://blog.mindorks.com/kotlin-android-interview-questions>

Q)what is advantage of kotlin over using java?

Q) Java vs Kotlin difference?

<https://www.javatpoint.com/java-vs-kotlin>

Q)What are Coroutines in Kotlin?

Q)What are Higher-Order functions in Kotlin? with sample example

Q)what is data class in kotlin?

Q)What are extension functions in Kotlin?

Q)what is scealed class and use

Q)What is an infix function in Kotlin?

Q)what is scope function in kotlin

Q)what is coroutine

Q)what is lunch and asyn in corountine

Q)What is kotlin Scope function

<https://dipaksikka.medium.com/kotlin-scope-function-168234c248e9>

program

Q)find out second largest number in java

<https://www.interviewbit.com/data-structure-interview-questions/>