

# Android Programming

## Important Questions

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1. What is the difference between Inheritance and polymorphism? Explain with example.
2. What is Software Development Life Cycle? Explain it with android Application Scenario.
3. Explain Android Architecture with example.
4. What is Framework? Explain Android framework with figure.
5. What is Dalvik Virtual Machine? How it is differ from JVM?
6. Explain activity lifecycle of Android application.
7. What is virtual device and SDK manager? Explain
8. Explain types of android application. And create any small application in android?
9. Define constant interface. Why constant interfaces used?
10. What is Emulator? Explain in brief.
11. Define method. What is difference between an instance method and class method?
12. What is manifest? Write application of manifest.
13. Can standard Java byte code run on Android? Justify your Answer.
14. Explain GUI Architecture of android.
15. How to add, update and delete content in android application
16. What is Parsing? Explain XML parsing and JSON parsing with example.
17. What is SQLite database? How to provide the database connection using SQLite database.
18. What is view? Explain Web views and grid view with example.
19. How to create menus in android? Explain with example
20. Explain Layouts and Android Widget Toolbox.
21. Difference between DOM, SAX and JSON Parsing.
22. Explain Different Layouts available in Android. Explain with Example.
23. What are the main components/building blocks of Android?
24. What is pending intent, What Is Intent Filters and Broadcast Receivers?
25. What are web services? How it integrates and implements in industrial projects?
26. What is service in Android Application? How to create services, Executing a Service and Controlling It's Restart Behavior in Android.
27. What is Fragments and how we can create Fragment in Android Application?
28. What are the types of animation offered by android? When to use each type of animation and how?
29. Explain with code Adding, Updating, and Removing Rows and extracting values from cursor
30. How to launch Activity and Sub activity using Intent Explain it with suitable example
31. Create an application that will pass one number to the next screen, and on the next screen that number of items should be display in the list view.( write java code)
32. Create an application that will display toast (Message) on specific interval of time (Write java code)