**MODULE-3 (TESTING ON LIVE APPLICATION)**

1. **What is RDBMS?**

Its store data in the form of tables (row and columns), with most commercial relational database management system using structure query language (SQL) to access the database.

An RDBMS is a type of data management system (DBMS) that store data in a row-based table structure which connects related data elements. An RDBMS includes functions that maintain the security, accuracy, integrity, and consistency of the data.

1. **What is SQL?**

Structured query languages: is a domain specific language used in programming and designed for managing data held in a relational database management system (RDBMS).

1. **Write SQL Commands.**

* DDL: Data Definition Lang.: create table, create database, use, truncate, etc.
* DML: Data Manipulation Lang.: insert, update, delete.
* DQL: Data Query Lang.: select
* DCL/TCL: Data / Transactional Control Lang.: commit, rollback, etc.……

1. **What is join?**

A join clause is used to combine rows from two or more tables, based on related columns between them.

1. **Write types of joins.**

* (INNER) join: Return records that have matching values in both tables.
* LEFT (OUTER) join: Return all records from the left tables, and matched the records from the right table.
* RIGHT (OUTER) join: Return all records from the right tables, and matched the records from the left table.
* FULL (OUTER) join: Returns all records when there is a match in either left or right table.

1. **How many constraints and describes itself.**

* Primary Key: unique + not null
* Foreign Key: it depends on primary table.
* Unique Key: only unique values: blank allow
* Check: condition you should apply
* Not null: no to be blank
* Default: fixed value
* Index: when you searching some record at that time apply indexing.

1. **Difference between RDBMS vs. DBMS.**

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| --- | --- |
| **RDBMS** | **DBMS** |
| RDBMS stores data in table forms | DBMS stores data as a file |
| Data is stored in the form of tables which are related to each other. | No relationship between data. |
| It deals with large amount of data. | It deals with small quantity of data. |

1. **What is API testing?**

Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention.

1. **Types of API testing.**

There are mainly 3 types of API testing.

* Open APIs
* Partner APIs
* Internal APIs

1. **What is Responsive testing?**

A responsive web design involves creating a flexible web page that is accessible from any device, starting from a mobile phone to a tablet.

Software testers may find it challenging to perform responsive design testing as a variety of factors are to be looked into during the testing phase.

1. **Which types of tools are available for Responsive testing.**

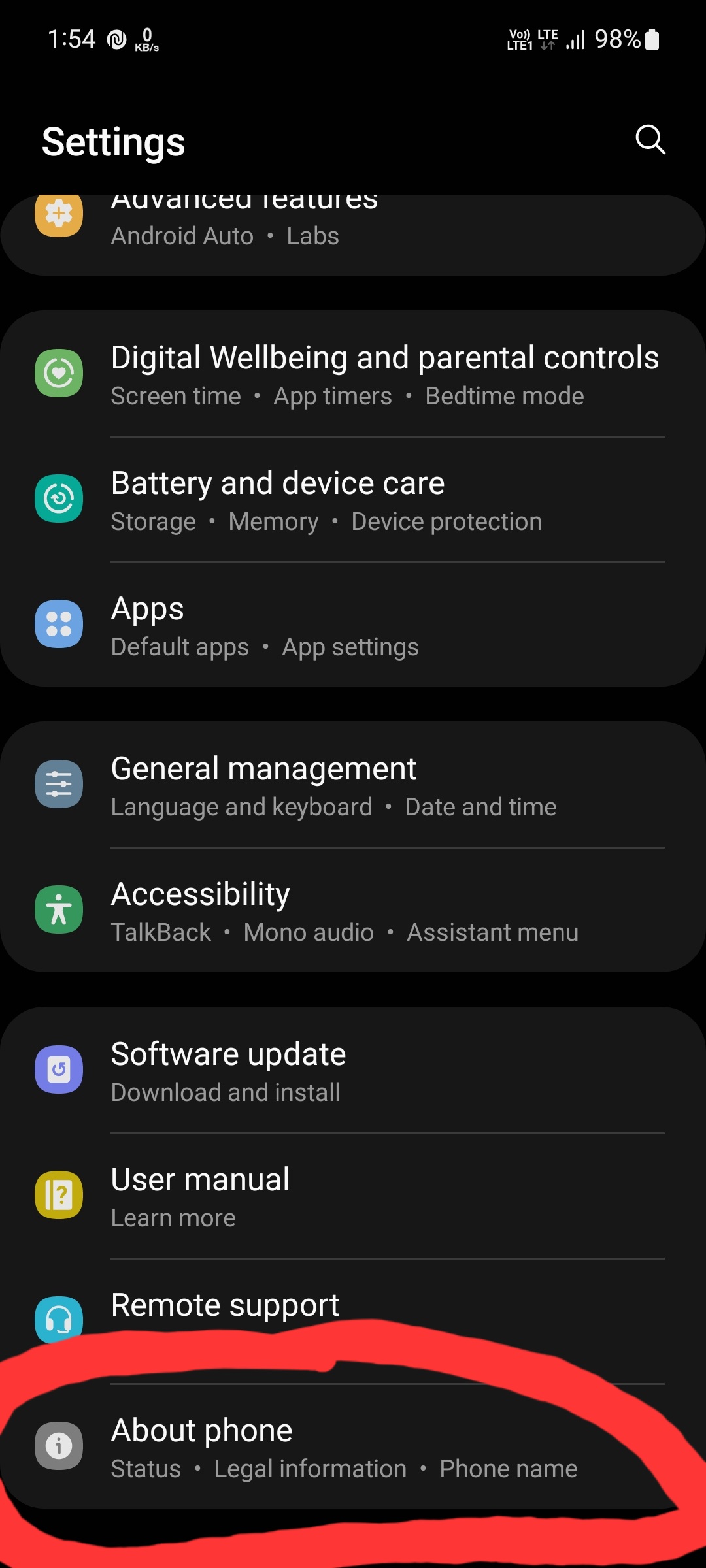
* LT Browser
* Lembda Testing
* Google Resizer
* I am responsive
* Pixel tuner

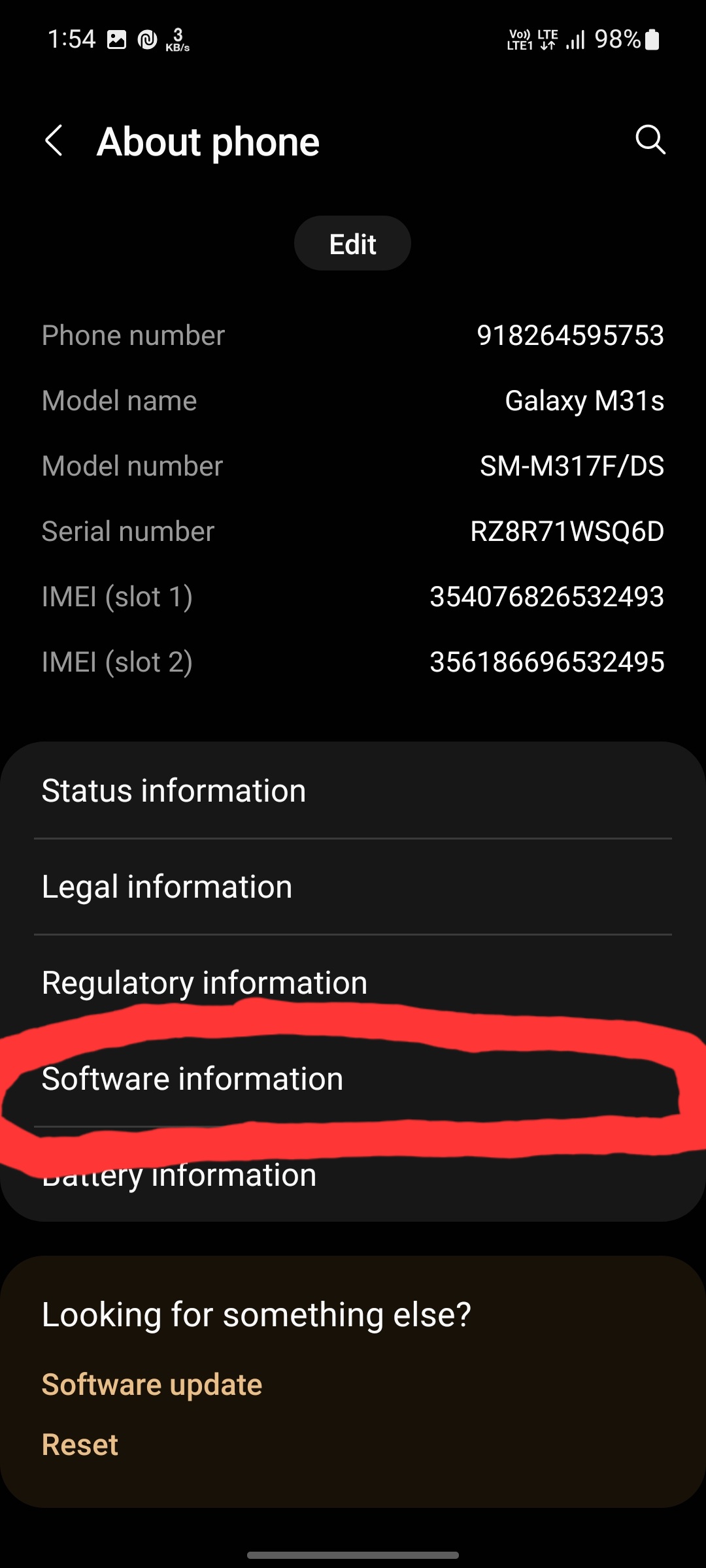
1. **What is the full form of ipa., apk.**

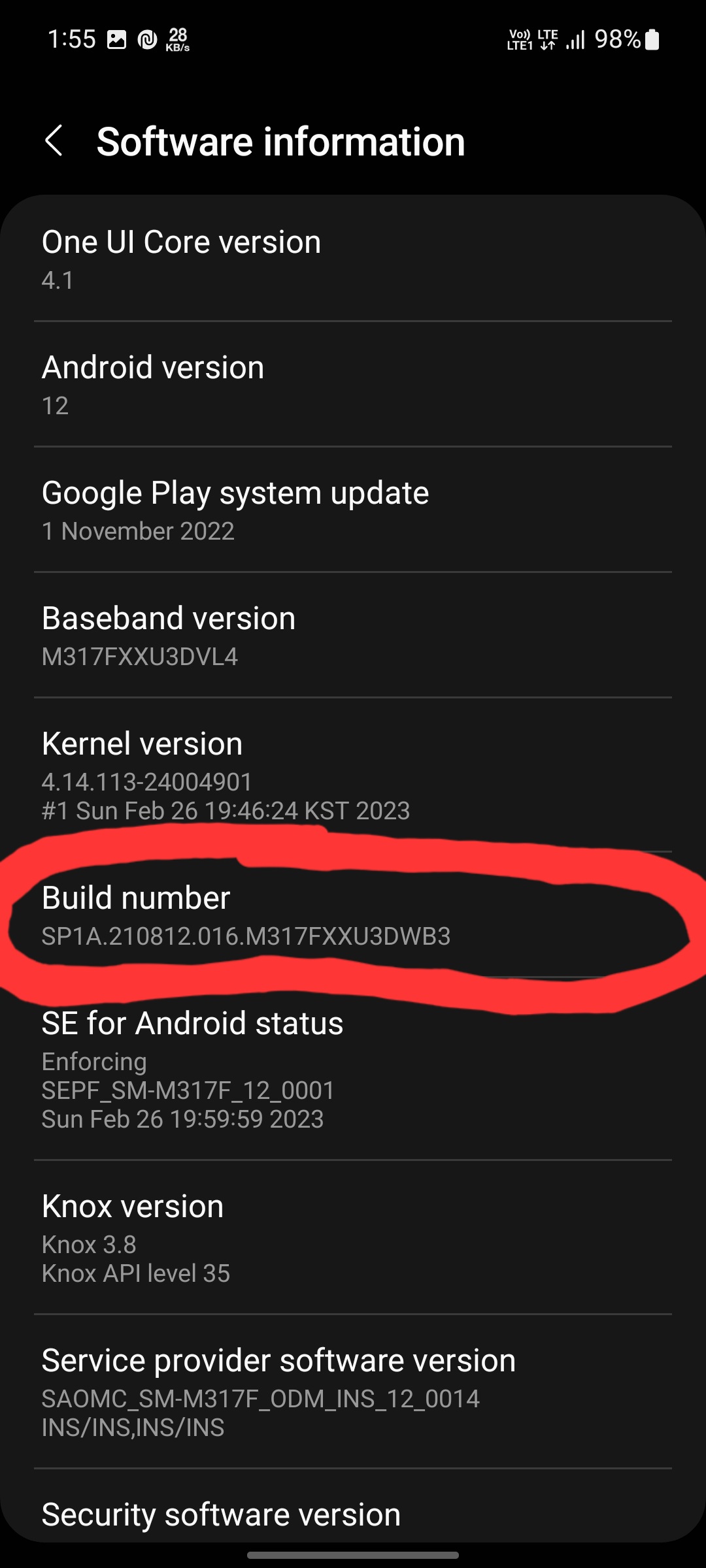
. ipa: I phone application archive file.

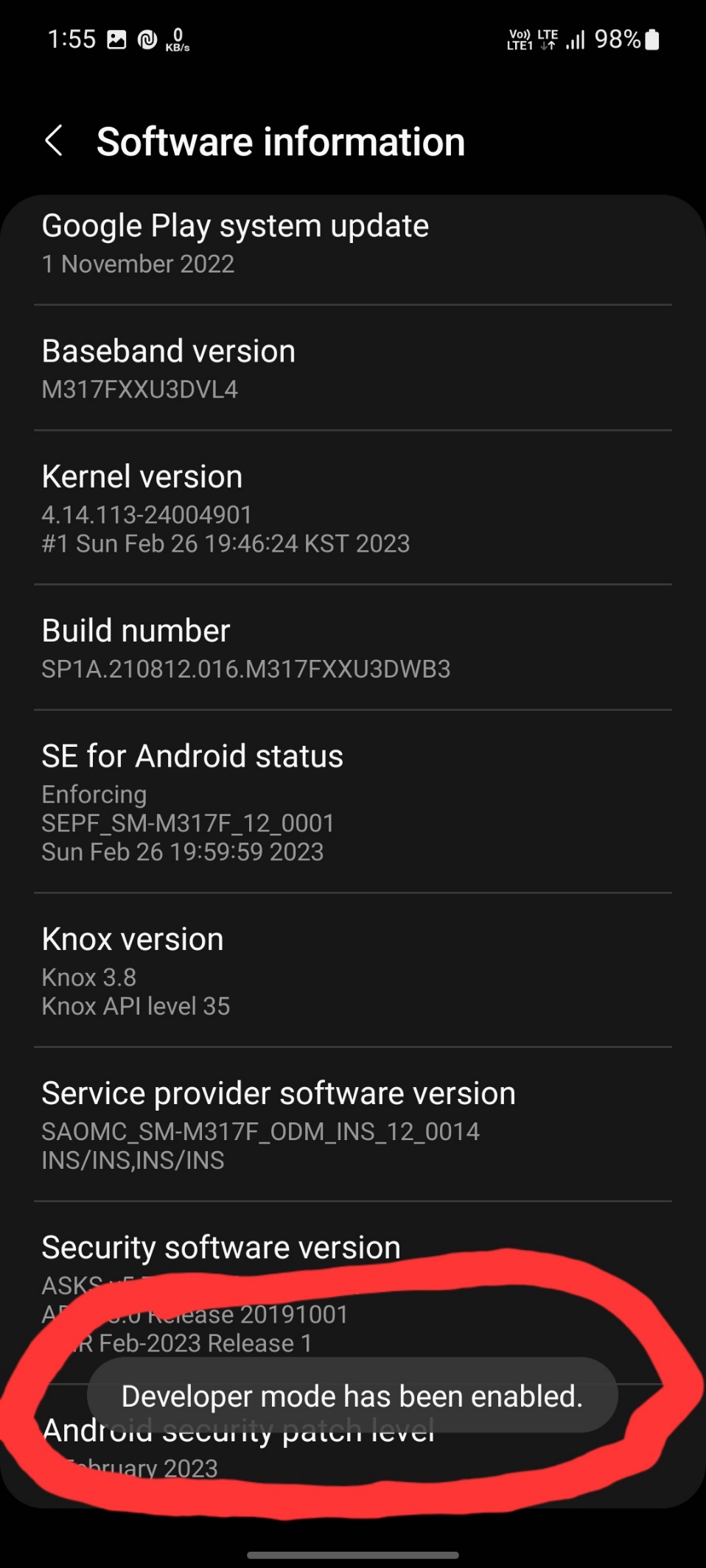
.apk: Android Application Package.

1. **How to create step for to open the developer option mode ON?**

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