1. What is the use of SQLite open helper class in SQLite?

* SQLiteOpenHelper class is a helper class to manage database creation and version management.
* This class takes care of opening the database if it exists, creating it if it does not, and upgrading it as necessary. Transactions are used to make sure the database is always in a sensible state.
* We have to create a subclass implementing

[onCreate(SQLiteDatabase)](https://developer.android.com/reference/android/database/sqlite/SQLiteOpenHelper.html#onCreate(android.database.sqlite.SQLiteDatabase)),

[onUpgrade(SQLiteDatabase, int, int)](https://developer.android.com/reference/android/database/sqlite/SQLiteOpenHelper.html#onUpgrade(android.database.sqlite.SQLiteDatabase, int, int))

and optionally [onOpen(SQLiteDatabase)](https://developer.android.com/reference/android/database/sqlite/SQLiteOpenHelper.html" \l "onOpen(android.database.sqlite.SQLiteDatabase)).

2. What is the use of OnUpgrade function in SQLiteOpenHelper class?

* This method is called when the database needs to be upgraded.
* Parameters for this methods are
* SQLiteDatabase: The database.
* int: The old database version.
* int: The new database version.
* The implementation should use this method to drop tables, add tables, or do anything else it needs to upgrade to the new schema version.
* This method executes within a transaction. If an exception is thrown, all changes will automatically be rolled back.

3. How to show SQLite database table information in Android application what is the best way to do it?

* We have to use table layout with cursor.
* Showing database information will be better suited with table layout. Since table layout is not an adapter view, we can't use cursor adapter with it. So best way is to show database table information using table layout only.