Question a): What is the use of SQLite open helper class in SQLite?

Answer : SQLiteOpenHelper is a class found inside android.database.sqlite package. It is a helper class that helps in creating the database and the version management. This helper class takes care of opening database if it exists, creating it if it does not, and upgrading it as necessary.

After extending this class one public constructor and two methods should be implemented. They are:

SQLiteOpenHelper(Context context,String database\_name, Sql SQLiteDatabase.CursorFactory factory ,int version) :

This constructor is used to create database and version.

Void onCreate(SQLiteDatabase db): This method is used to create tables.

Void onUpgrade(SQLiteDatabase db,int oldVersion,int newVersion): This method is used to upgrade table information.

Question b): What is the use of onUpgrade function in SQLiteOpenHelper class?

Answer : This method is called when the database needs to be upgraded. Upgradation could be new table columns addition, table addition, drop the created table, or any modifications to the new schema.

Syntax of this method:

void onUpgrade ([SQLiteDatabase](https://developer.android.com/reference/android/database/sqlite/SQLiteDatabase.html) db,int oldVersion,int newVersion)

Question c): How to show SQLite database table information in Android application what is the best way to do it?

Answer : Table Layout with cursor is used to show SQLiteDatabase table information. Empty TableLayout is added in xml file and data rows can be added through program.