a. What is the use of SQLite open helper class inSQLite?

* The android.database.sqlite.SQLiteOpenHelper class is used for database creation and version management .For performing any database operation, we have to provide the implementation of onCreate() and onUpgrade() methods of SQLiteOpenHelper class.

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\* Extends with java class

\*/

public class DatabaseDemo extends SQLiteOpenHelper {

// creating constructor

public DatabaseDemo(Context context, String name, SQLiteDatabase.CursorFactory factory, int version) {

super(context, name, factory, version);

}

// Implementing method onCreate(SQLiteDatabase db)

@Override

public void onCreate(SQLiteDatabase db) {

}

//Implementing method onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion)

@Override

public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {

}

}

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

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

* Called when the database needs to be upgraded. The implementation should use this method to drop tables, add tables, or do anything else it needs to upgrade to the new schema version.

@Override

public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {

// Drop older table if existed

db.execSQL("DROP TABLE IF EXISTS " + TABLE\_CONTACTS);

// Create tables again

onCreate(db);

}

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

* I think best way to show database information will be better suiter with table layout. Since table layout Not an adapter view, we can’t use cursor adapter without it.