Session7\_Assignment7.1

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

SQLite open helper class is an helper class which can be used to perform database creation and version management.

It provides utilities to simplify the tasks of creating and initialising the database if it's not already created and converting the contents of the database when your application is upgrading and the database schema changes.

In Sqliteopenhelper you define your database version. If you change your databaseversion onUpgrade() will executed. It is the counterpart of onCreate()

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

onUpgrade is basically used for handling new db changes(could be new columns addition,table addition) for any new version of your app.

when you change your database table element or column value then you must have to update to data to reflect that change. other wise no such table or other kind of error will occur. so after changing in database if your application is already uploaded then you have to change database version and all the all table recreate in onUpdate() method.

In your onUpgrade you will drop old tables and generate new ones.

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

* DBBrowser for SQLite which is an software which can be downloaded and is the best way to show the sqLite database information.
* Another approach is that in Andriod studio we can use the functionality of Andriod device monitor present under Tools menu to view the database table information.