Session 11: Data Storage Assignment

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

SQLiteOpenHelper class is used for database creation and version management. And for performing any database operation, you have to provide the implementation of onCreate() and onUpgrade()methods of SQLiteOpenHelper class. This class will takes care of opening the database if it exists, creating it if it does not, and upgrading it as necessary.

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

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

This method is called when you update your database version. It drops the existing tables and creates it again when onCreate method is called again.

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

To see the Database tables stored in SQLite Database. First you need the Database file which usually has the .db extension, which can be searched using the Android Monitor's file explorer utility provided by the Android Studio. (/data/data/com.yourpackge.name/databases/" to see what the database filename.Pull the database files to your desktop) After you find the required SQLite Database file which is usually stored in application package's data/ folder, has to be opened using another applicaiton called SQLite Broswer, Lightweight application to open and view database tables, schema and run SQL queries.

OR

Use table layout with cursor.