**Data Storage 11.1**

**Q) What is the use of SQLite open helper class in SQLite?**

- SQLiteOpenHelper 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. Creation, up gradation are done through the methods names onCreate and onUpgrade. Also SQLiteOpenHelper provides utilities to simplify the tasks of creating and initializing 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.

**Q) What is the use of OnUpgrade function in SQLiteOpenHelper class?**

- onUpgrade is basically for handling new database changes (could be new columns addition, table addition) for any new version of your app. Dropping the table is not always necessary in onUpgrade it all depends on what your use case is. If the requirement is to not to persists the data from your older version of app then drop should help, but if it’s like changing schema then it should only have alter scripts.

**Q) How to show SQLite database table information in Android application what is the best way to do it?**

- Showing database information will be better suited with table layout. Since table layout is not an adapter view, you can’t use cursor adapter with it. So use table layout with cursor to show data base table information.