

Solutions:-

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

Ans:-

Database Helper Class which help to create a subclass implementing onCreate(SQLiteDatabase) , **onUpgrade**(SQLiteDatabase, int, int).

```
public class MyDatabaseHelper extends SQLiteOpenHelper {

    private static final String DATABASE_NAME = "DBName";

    private static final int DATABASE_VERSION = 2;

    // Database creation sql statement
    private static final String DATABASE_CREATE = "create table MyEmployees
        ( _id integer primary key,name text not null);";

    public MyDatabaseHelper(Context context) {
        super(context, DATABASE_NAME, null, DATABASE_VERSION);
    }

    // Method is called during creation of the database
    @Override
    public void onCreate(SQLiteDatabase database) {
        database.execSQL(DATABASE_CREATE);
    }

    // Method is called during an upgrade of the database,
    @Override
    public void onUpgrade(SQLiteDatabase database,int oldVersion,int newVersion){
        Log.w(MyDatabaseHelper.class.getName(),
            "Upgrading database from version " + oldVersion + " to "
            + newVersion + ", which will destroy all old data");
        database.execSQL("DROP TABLE IF EXISTS MyEmployees");
        onCreate(database);
    }
}
```

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

Ans:-

OnUpgrade function is called during an upgrade of the database.

```
// Method is called during an upgrade of the database,
@Override
public void onUpgrade(SQLiteDatabase database,int oldVersion,int newVersion){
    Log.w(MyDatabaseHelper.class.getName(),
        "Upgrading database from version " + oldVersion + " to "
        + newVersion + ", which will destroy all old data");
    database.execSQL("DROP TABLE IF EXISTS MyEmployees");
    onCreate(database);
}
```

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

Ans:-

Use table layout with cursor.

Description:-

Showing database information will be better suited with table layout, since table layout is not an adapter view, we can't use cursor adapter with it. So use table layout with cursor to show database table information.