## **Application 1: ContentProvider**

activity\_main.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
   <TextView
    <EditText
    <EditText
</LinearLayout>
```

### Main\_Activity.java

```
String s1 = cr.getString(1);
 String s2 = cr.getString(2);
Toast.makeText(this, stringBuilder.toString(),
```

#### Company\_Provider.java

```
package com.example.contentprovider;
import android.content.ContentProvider;
```

```
private class MyOwnDatabase extends SQLiteOpenHelper{
  public MyOwnDatabase(Context ct) {
    public void onCreate(SQLiteDatabase sqLiteDatabase) {
        sqLiteDatabase.execSQL("create table "+DB TABLE+" ( id integer
    public void onUpgrade (SQLiteDatabase sqLiteDatabase, int i, int i1)
        sqLiteDatabase.execSQL("drop table if exists "+DB TABLE);
        onCreate(sqLiteDatabase);
    throw new UnsupportedOperationException("Not yet implemented");
public String getType(Uri uri) {
```

```
TODO: Implement this to handle requests for the MIME type of the
                      throw new UnsupportedOperationException("Not yet implemented");
                     myDb = myHelper.getWritableDatabase();
public Cursor query(Uri, String[] projection, String selection,
                     SQLiteQueryBuilder myQuery = new SQLiteQueryBuilder();
                     myQuery.setTables(DB TABLE);
                    Cursor cr = myQuery.query(myDb, null, null,
public int update(Uri, ContentValues values, String selection,
```

#### AndroidManifest.xml

# **Application 2: Second Provider**

activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="140dp"
        android:layout_marginStart="140dp"
        android:layout_marginTop="40dp"
        />
        <Button
        android:layout_width="wrap_content"
        android:layout_marginTop="40dp"
        android:layout_marginTop="40dp"
        android:layout_marginTop="40dp"
        android:layout_marginTop="40dp"
        android:layout_marginTop="40dp"
        android:layout_marginTop="40dp"
        android:layout_marginStart="110dp"
        android:layout_marginStart="110dp"
        android:lonClick="doLoad"/>
```

#### </LinearLavout>

#### MainActivity.java