https://developer.android.com/guide/topics/providers/content-provider-basics

Activity\_main.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**android.support.constraint.ConstraintLayout**

**xmlns:android="http://schemas.android.com/apk/res/android"**

**xmlns:tools="http://schemas.android.com/tools"**

**xmlns:app="http://schemas.android.com/apk/res-auto"**

**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:text="Hello World!"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintLeft\_toLeftOf="parent"**

**app:layout\_constraintRight\_toRightOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"** />

</**android.support.constraint.ConstraintLayout**>

</**LinearLayout**>

MainActivity.java

**package** com.example.jevitha.a27\_contentprovider;

**import** android.app.ListActivity;

**import** android.content.ContentResolver;

**import** android.database.Cursor;

**import** android.provider.ContactsContract;

**import** android.os.Bundle;

**import** android.widget.ArrayAdapter;

**import** java.util.ArrayList;

**import** java.util.List;

**public class** MainActivity **extends** ListActivity {

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

ContentResolver cr = getContentResolver();

Cursor c = cr.query(ContactsContract.Contacts.CONTENT\_URI,

**new** String[] {ContactsContract.Contacts.DISPLAY\_NAME},

**null**, **null**, **null**);

List<String> contacts = **new** ArrayList<String>();

**if** (c.moveToFirst()) {

**do** {

contacts.add(c.getString(c.getColumnIndex(

ContactsContract.Contacts.DISPLAY\_NAME)));

} **while** (c.moveToNext());

}

***ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,***

***android.R.layout.simple\_list\_item\_1, contacts);***

setListAdapter(adapter);

}

}

AndroidManifest.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**manifest xmlns:android="http://schemas.android.com/apk/res/android"**

**package="com.example.jevitha.a27\_contentprovider"**>

<**application**

**android:allowBackup="true"**

**android:icon="@mipmap/ic\_launcher"**

**android:label="@string/app\_name"**

**android:roundIcon="@mipmap/ic\_launcher\_round"**

**android:supportsRtl="true"**

**android:theme="@style/AppTheme"**>

<**activity android:name=".MainActivity"**>

<**intent-filter**>

<**action android:name="android.intent.action.MAIN"** />

<**category android:name="android.intent.category.LAUNCHER"** />

</**intent-filter**>

</**activity**>

</**application**>

<**uses-permission android:name="android.permission.READ\_CONTACTS"**/>

</**manifest**>