Activity11

1)using Eclipse ,create an android project

2)add the following statements in main.xml

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

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

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"fill\_parent"*

android:orientation=*"vertical"* >

<ListView

android:id=*"@+id/list1"*

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_weight=*"1"*

android:stackFromBottom=*"false"*

android:transcriptMode=*"normal"*

/>

<TextView

android:id=*"@+id/contactName"*

android:textStyle=*"bold"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

/>

<TextView

android:id=*"@+id/contactID"*

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"wrap\_content"*

/>

</LinearLayout>

3)in the MainActivity.java code the following.

package pk.edu.iba;

import android.app.Activity;

import android.os.Bundle;

**import android.app.ListActivity;**

**import android.database.Cursor;**

**import android.net.Uri;**

**import android.provider.ContactsContract;**

**import android.widget.SimpleCursorAdapter;**

public class MainActivity extends ListActivity {

/\*\* Called when the activity is first created. \*/

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.main);

**Uri allContacts = Uri.parse(“content://contacts/people”);**

**Cursor c = managedQuery(allContacts, null, null, null, null);**

**String[] columns = new String[] {**

**ContactsContract.Contacts.DISPLAY\_NAME,**

**ContactsContract.Contacts.\_ID};**

**int[] views = new int[] {R.id.contactName, R.id.contactID};**

**SimpleCursorAdapter adapter =**

**new SimpleCursorAdapter(this, R.layout.main, c, columns, views);**

**this.setListAdapter(adapter);**

**}**

**}**

**4)**

**4.** Add the following statements in bold to the AndroidManifest.xml file:

<?xml version=”1.0” encoding=”utf-8”?>

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

package=”net.learn2develop.Provider”

android:versionCode=”1”

android:versionName=”1.0”>

<application android:icon=”@drawable/icon” android:label=”@string/app\_name”>

<activity android:name=”.MainActivity”

android:label=”@string/app\_name”>

<intent-filter>

<action android:name=”android.intent.action.MAIN” />

<category android:name=”android.intent.category.LAUNCHER” />

</intent-filter>

</activity>

</application>

<uses-sdk android:minSdkVersion=”7” />

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

**</uses-permission>**

</manifest>

4)create new contacts in emulator



5)Run your application by pressing F11