**Practical 7 - Create contact list using content provider**

import android.net.Uri;

import android.os.Bundle;

import android.provider.ContactsContract;

import android.app.ListActivity;

import android.database.Cursor;

import android.view.Menu;

import android.widget.SimpleCursorAdapter;

 public class MainActivity extends ListActivity {

  @SuppressWarnings("deprecation")

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_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.activity\_main, c, columns, views);

this.setListAdapter(adapter);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.activity\_main, menu);

return true;

}

}