# 1、

package com.example.notebook;  
  
import java.util.ArrayList;  
import java.util.HashMap;  
import java.util.List;  
import java.util.Map;  
  
import android.app.Activity;  
import android.app.AlertDialog;  
import android.app.AlertDialog.Builder;  
import android.content.Context;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.os.Bundle;  
import android.util.Log;  
import android.view.View;  
import android.view.View.OnClickListener;  
import android.view.Window;  
import android.widget.AbsListView;  
import android.widget.AbsListView.OnScrollListener;  
import android.widget.AdapterView;  
import android.widget.AdapterView.OnItemClickListener;  
import android.widget.AdapterView.OnItemLongClickListener;  
import android.widget.Button;  
import android.widget.ListView;  
import android.widget.SimpleAdapter;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity implements OnScrollListener,  
 OnItemClickListener, OnItemLongClickListener {  
  
 private Context mContext;  
 private ListView listview;  
 private SimpleAdapter simp\_adapter;  
 private List<Map<String, Object>> dataList;  
 private Button addNote;  
 private TextView tv\_content;  
 private NotesDB DB;  
 private SQLiteDatabase dbread;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 requestWindowFeature(Window.*FEATURE\_NO\_TITLE*);  
 setContentView(R.layout.*activity\_main*);  
 tv\_content = (TextView) findViewById(R.id.*tv\_content*);  
 listview = (ListView) findViewById(R.id.*listview*);  
 dataList = new ArrayList<Map<String, Object>>();  
  
 addNote = (Button) findViewById(R.id.*btn\_editnote*);  
 mContext = this;  
 addNote.setOnClickListener(new OnClickListener() {  
  
 @Override  
 public void onClick(View arg0) {  
 noteEdit.*ENTER\_STATE* = 0;  
 Intent intent = new Intent(mContext, noteEdit.class);  
 Bundle bundle = new Bundle();  
 bundle.putString("info", "");  
 intent.putExtras(bundle);  
 startActivityForResult(intent, 1);  
 }  
 });  
 DB = new NotesDB(this);  
 dbread = DB.getReadableDatabase();  
 *// 清空数据库中表的内容  
 //dbread.execSQL("delete from note");* RefreshNotesList();  
  
 listview.setOnItemClickListener(this);  
 listview.setOnItemLongClickListener(this);  
 listview.setOnScrollListener(this);  
 }  
  
 public void RefreshNotesList() {  
  
 int size = dataList.size();  
 if (size > 0) {  
 dataList.removeAll(dataList);  
 simp\_adapter.notifyDataSetChanged();  
 listview.setAdapter(simp\_adapter);  
 }  
 simp\_adapter = new SimpleAdapter(this, getData(), R.layout.*activity\_main*,  
 new String[] { "tv\_content", "tv\_date" }, new int[] {  
 R.id.*tv\_content*, R.id.*tv\_date* });  
 listview.setAdapter(simp\_adapter);  
 }  
  
 private List<Map<String, Object>> getData() {  
  
 Cursor cursor = dbread.query("note", null, "content!=\"\"", null, null,  
 null, null);  
  
 while (cursor.moveToNext()) {  
 String name = cursor.getString(cursor.getColumnIndex("content"));  
 String date = cursor.getString(cursor.getColumnIndex("date"));  
 Map<String, Object> map = new HashMap<String, Object>();  
 map.put("tv\_content", name);  
 map.put("tv\_date", date);  
 dataList.add(map);  
 }  
 cursor.close();  
 return dataList;  
  
 }  
  
 @Override  
 public void onScroll(AbsListView arg0, int arg1, int arg2, int arg3) {  
 *// TODO Auto-generated method stub* }  
  
 *// 滑动listview监听事件* @Override  
 public void onScrollStateChanged(AbsListView arg0, int arg1) {  
 *// TODO Auto-generated method stub* switch (arg1) {  
 case *SCROLL\_STATE\_FLING*:  
 Log.*i*("main", "用户在手指离开屏幕之前，由于用力的滑了一下，视图能依靠惯性继续滑动");  
 case *SCROLL\_STATE\_IDLE*:  
 Log.*i*("main", "视图已经停止滑动");  
 case *SCROLL\_STATE\_TOUCH\_SCROLL*:  
 Log.*i*("main", "手指没有离开屏幕，试图正在滑动");  
 }  
 }  
  
 *// 点击listview中某一项的监听事件* @Override  
 public void onItemClick(AdapterView<?> arg0, View arg1, int arg2, long arg3) {  
 noteEdit.*ENTER\_STATE* = 1;  
 *// Log.d("arg2", arg2 + "");  
 // TextView  
 // content=(TextView)listview.getChildAt(arg2).findViewById(R.id.tv\_content);  
 // String content1=content.toString();* String content = listview.getItemAtPosition(arg2) + "";  
 String content1 = content.substring(content.indexOf("=") + 1,  
 content.indexOf(","));  
 Log.*d*("CONTENT", content1);  
 Cursor c = dbread.query("note", null,  
 "content=" + "'" + content1 + "'", null, null, null, null);  
 while (c.moveToNext()) {  
 String No = c.getString(c.getColumnIndex("\_id"));  
 Log.*d*("TEXT", No);  
 *// Intent intent = new Intent(mContext, noteEdit.class);  
 // intent.putExtra("data", text);  
 // setResult(4, intent);  
 // // intent.putExtra("data",text);  
 // startActivityForResult(intent, 3);* Intent myIntent = new Intent();  
 Bundle bundle = new Bundle();  
 bundle.putString("info", content1);  
 noteEdit.*id* = Integer.*parseInt*(No);  
 myIntent.putExtras(bundle);  
 myIntent.setClass(MainActivity.this, noteEdit.class);  
 startActivityForResult(myIntent, 1);  
 }  
  
 }  
  
 @Override  
 *// 接受上一个页面返回的数据，并刷新页面* protected void onActivityResult(int requestCode, int resultCode, Intent data) {  
 *// TODO Auto-generated method stub* super.onActivityResult(requestCode, resultCode, data);  
 if (requestCode == 1 && resultCode == 2) {  
 RefreshNotesList();  
 }  
 }  
  
 *// 点击listview中某一项长时间的点击事件* @Override  
 public boolean onItemLongClick(AdapterView<?> arg0, View arg1, int arg2,  
 long arg3) {  
 final int n=arg2;  
 Builder builder = new AlertDialog.Builder(this);  
 builder.setTitle("删除该日志");  
 builder.setMessage("确认删除吗？");  
 builder.setPositiveButton("确定", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 String content = listview.getItemAtPosition(n) + "";  
 String content1 = content.substring(content.indexOf("=") + 1,  
 content.indexOf(","));  
 Cursor c = dbread.query("note", null, "content=" + "'"  
 + content1 + "'", null, null, null, null);  
 while (c.moveToNext()) {  
 String id = c.getString(c.getColumnIndex("\_id"));  
 String sql\_del = "update note set content='' where \_id=" + id;  
 dbread.execSQL(sql\_del);  
 RefreshNotesList();  
 }  
 }  
 });  
 builder.setNegativeButton("取消", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 }  
 });  
 builder.create();  
 builder.show();  
 return true;  
 }  
  
}

# 2、

package com.example.notebook;  
  
import java.text.SimpleDateFormat;  
import java.util.Date;  
  
import android.app.Activity;  
import android.content.Context;  
import android.content.Intent;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteStatement;  
import android.os.Bundle;  
import android.util.Log;  
import android.view.View;  
import android.view.View.OnClickListener;  
import android.view.Window;  
import android.view.WindowManager;  
import android.view.inputmethod.InputMethodManager;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class noteEdit extends AppCompatActivity {  
 private TextView tv\_date;  
 private EditText et\_content;  
 private Button btn\_ok;  
 private Button btn\_cancel;  
 private NotesDB DB;  
 private SQLiteDatabase dbread;  
 public static int *ENTER\_STATE* = 0;  
 public static String *last\_content*;  
 public static int *id*;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 *// TODO Auto-generated method stub* super.onCreate(savedInstanceState);  
 *// 设置无标题* requestWindowFeature(Window.*FEATURE\_NO\_TITLE*);  
 setContentView(R.layout.*activity\_note*);  
  
 tv\_date = (TextView) findViewById(R.id.*tv\_date*);  
 Date date = new Date();  
 SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm");  
 String dateString = sdf.format(date);  
 tv\_date.setText(dateString);  
  
 et\_content = (EditText) findViewById(R.id.*et\_content*);  
 *// 设置软键盘自动弹出* getWindow().setSoftInputMode(  
 WindowManager.LayoutParams.*SOFT\_INPUT\_STATE\_ALWAYS\_VISIBLE*);  
  
 DB = new NotesDB(this);  
 dbread = DB.getReadableDatabase();  
  
 Bundle myBundle = this.getIntent().getExtras();  
 *last\_content* = myBundle.getString("info");  
 Log.*d*("LAST\_CONTENT", *last\_content*);  
 et\_content.setText(*last\_content*);  
 *// 确认按钮的点击事件* btn\_ok = (Button) findViewById(R.id.*btn\_ok*);  
 btn\_ok.setOnClickListener(new OnClickListener() {  
 public void onClick(View arg0) {  
 *// 获取日志内容* String content = et\_content.getText().toString();  
 Log.*d*("LOG1", content);  
 *// 获取写日志时间* Date date = new Date();  
 SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");  
 String dateNum = sdf.format(date);  
 String sql;  
 String sql\_count = "SELECT COUNT(\*) FROM note";  
 SQLiteStatement statement = dbread.compileStatement(sql\_count);  
 long count = statement.simpleQueryForLong();  
 Log.*d*("COUNT", count + "");  
 Log.*d*("ENTER\_STATE", *ENTER\_STATE* + "");  
 *// 添加一个新的日志* if (*ENTER\_STATE* == 0) {  
 if (!content.equals("")) {  
 sql = "insert into " + NotesDB.*TABLE\_NAME\_NOTES* + " values(" + count + "," + "'" + content  
 + "'" + "," + "'" + dateNum + "')";  
 Log.*d*("LOG", sql);  
 dbread.execSQL(sql);  
 }  
 }  
 *// 查看并修改一个已有的日志* else {  
 Log.*d*("执行命令", "执行了该函数");  
 String updatesql = "update note set content='"  
 + content + "' where \_id=" + *id*;  
 dbread.execSQL(updatesql);  
 *// et\_content.setText(last\_content);* }  
 Intent data = new Intent();  
 setResult(2, data);  
 finish();  
 }  
 });  
 btn\_cancel = (Button) findViewById(R.id.*btn\_cancel*);  
 btn\_cancel.setOnClickListener(new OnClickListener() {  
 public void onClick(View arg0) {  
 finish();  
 }  
 });  
 }  
  
 @Override  
 protected void onActivityResult(int requestCode, int resultCode, Intent data) {  
  
 super.onActivityResult(requestCode, resultCode, data);  
  
 }  
}

# 3、

package com.example.notebook;  
  
import android.content.Context;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
import android.util.Log;  
  
public class NotesDB extends SQLiteOpenHelper {  
  
 public static final String *TABLE\_NAME\_NOTES* = "note";  
 public static final String *COLUMN\_NAME\_ID* = "\_id";  
 public static final String *COLUMN\_NAME\_NOTE\_CONTENT* = "content";  
 public static final String *COLUMN\_NAME\_NOTE\_DATE* = "date";  
  
 public NotesDB(Context context) {  
 super(context, "note", null, 1);  
 *// TODO Auto-generated constructor stub* }  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 String sql = "CREATE TABLE " + *TABLE\_NAME\_NOTES* + "(" + *COLUMN\_NAME\_ID* + " INTEGER PRIMARY KEY AUTOINCREMENT,"  
 + *COLUMN\_NAME\_NOTE\_CONTENT* + " TEXT NOT NULL DEFAULT\"\","  
 + *COLUMN\_NAME\_NOTE\_DATE* + " TEXT NOT NULL DEFAULT\"\"" + ")";  
 Log.*d*("SQL", sql);  
 db.execSQL(sql);  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase arg0, int arg1, int arg2) {  
 *// TODO Auto-generated method stub* }  
  
}

