W6

string.xml:

<resources>  
 <string name="app\_name">My Java APP</string>  
 <string name="send">Send</string>  
 <string name="rr">Result:</string>  
 <string name="sure">Sure</string>  
 <string name="can">Cancel</string>  
 <string name="sel">Your Selection:</string>  
 <string name="err">Some file are missing</string>  
 <string name="m1">Mini Memo</string>  
 <string name="m2">Edit Memo</string>  
 <string name="item">Item:</string>ources>  
 <string name="mod">had been modified</string>ources>  
 <string name="s\_opt1">subOption 1</string>ources>  
 <string name="s\_opt2">subOption 2</string>ources>  
 <string name="s\_m">SubMenu</string>ources>  
 <string name="opt1">Option 1</string>ources>  
 <string name="opt2">Option 2</string>ources>  
 <string name="opt3">Option 3</string>ources>  
 <string name="opt4">Option 4</string>ources>  
 <string name="exit">Exit</string>ources>  
</resources>

zh-rTW\string.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<resources>  
 <string name="app\_name">我的爪哇程式</string>  
 <string name="send">傳送</string>  
 <string name="rr">結果:</string>  
 <string name="sure">確認</string>  
 <string name="can">取消</string>  
 <string name="sel">你的選擇:</string>  
 <string name="err">有欄位未輸入</string>  
 <string name="m1">迷你備忘錄</string>  
 <string name="m2">編輯備忘錄</string>ources>  
 <string name="item">項目</string>ources>  
 <string name="mod">被修改</string>ources>  
 <string name="s\_opt1">子選單1</string>ources>  
 <string name="s\_opt2">子選單2</string>ources>  
 <string name="s\_m">子選單</string>ources>  
 <string name="opt1">選項1</string>ources>  
 <string name="opt2">選項2</string>ources>  
 <string name="opt3">選項3</string>ources>  
 <string name="opt4">選項4</string>ources>  
 <string name="exit">離開</string>ources>  
</resources>

AndroidManifest.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/m1"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.W6\_209410314"  
 tools:targetApi="31">  
 <activity  
 android:name=".Edit"  
 android:label="@string/m2"  
 android:exported="false" />  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>

activity\_main.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout 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">  
  
 <ListView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="300sp"  
 android:id="@+id/lv" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/sel"  
 android:layout\_below="@+id/lv"  
 android:id="@+id/res"/>  
  
</RelativeLayout>

activity\_edit.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout 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=".Edit">  
  
 <EditText  
 android:id="@+id/ed1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="100sp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:text=""/>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/ed1"  
 android:gravity="right"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/b\_sure"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/sure" />  
 <Button  
 android:id="@+id/b\_can"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/can"/>  
  
 </LinearLayout>  
  
</RelativeLayout>

MainActivity.java:  
package com.example.w6\_209410314;  
  
import …  
public class MainActivity extends AppCompatActivity implements  
 AdapterView.OnItemClickListener, AdapterView.OnItemLongClickListener {  
  
 String mem[]={"1.按下編輯備忘錄","2.長案可以清除備忘錄","3.","4.","5.","6."};  
 ListView lv; TextView rr; ArrayAdapter<String> ad; String tt="";  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 lv=(ListView)findViewById(R.id.*lv*); rr=(TextView) findViewById(R.id.*res*);  
 lv.setOnItemClickListener(this); lv.setOnItemLongClickListener(this);  
 ad=new ArrayAdapter<String>(this,  
 android.R.layout.*simple\_list\_item\_1*, mem);  
 lv.setAdapter(ad);  
 }  
  
 public boolean onCreateOptionsMenu(Menu menu) {  
 menu.add(0, Menu.*FIRST*,0,getString(R.string.*opt1*));  
 menu.add(0, Menu.*FIRST*+1,0,getString(R.string.*opt2*));  
 menu.add(0, Menu.*FIRST*+2,1,getString(R.string.*opt3*));  
 menu.add(0, Menu.*FIRST*+3,2,getString(R.string.*opt4*));  
 menu.add(0, Menu.*FIRST*+4,3,getString(R.string.*exit*));  
 return super.onCreateOptionsMenu(menu);  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(@NonNull MenuItem item) {  
 int i=item.getItemId();  
 switch (i) {  
 case Menu.*FIRST*: rr.setText(getString(R.string.*sel*)+getString(R.string.*opt1*)); break;  
 case Menu.*FIRST*+1: rr.setText(getString(R.string.*sel*)+getString(R.string.*opt2*)); break;  
 case Menu.*FIRST*+2: rr.setText(getString(R.string.*sel*)+getString(R.string.*opt3*)); break;  
 case Menu.*FIRST*+3: rr.setText(getString(R.string.*sel*)+getString(R.string.*opt4*)); break;  
 case Menu.*FIRST*+4: finish(); break;  
 }  
 return super.onOptionsItemSelected(item);  
 }  
  
 public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {  
 Intent it=new Intent(this, Edit.class); it.putExtra("內容",mem[i]);  
 tt=mem[i]; rr.setText(getString(R.string.*sel*)+tt);  
 startActivityForResult(it, i);  
 }  
  
  
 protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
 if(resultCode == *RESULT\_OK*){  
 mem[requestCode]=data.getStringExtra("內容");  
 ad.notifyDataSetChanged(); rr.setText(getString(R.string.*sel*)+mem[requestCode]);  
 }  
 }  
  
 public boolean onItemLongClick(AdapterView<?> adapterView, View view, int i, long l) {  
 mem[i]=(i+1)+"."; ad.notifyDataSetChanged(); return true;  
 }  
}

Edit.java:

package com.example.w6\_209410314;  
  
import…  
  
public class Edit extends AppCompatActivity implements View.OnClickListener {  
  
 EditText e1; Button b\_s, b\_c; Intent it; String tmp;  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_edit*);  
 e1=(EditText) findViewById(R.id.*ed1*);  
 b\_s=(Button) findViewById(R.id.*b\_sure*); b\_s.setOnClickListener(this);  
 b\_c=(Button) findViewById(R.id.*b\_can*); b\_c.setOnClickListener(this);  
 it=getIntent(); String tmp=it.getStringExtra("內容");  
 e1.setText(tmp);  
 }  
  
 public void onClick(View view) {  
 if(view == b\_c) { setResult(*RESULT\_CANCELED*); finish();}  
 if(view == b\_s) {  
 Intent it1=new Intent(); tmp=e1.getText().toString();  
 it1.putExtra("內容",tmp);  
 setResult(*RESULT\_OK*, it1); finish();  
 }  
 }  
}