W3

string.xml:

 <resources>  
 <string name="app\_name">My Java APP</string>  
 <string name="act2\_title">Activity 2 title</string>  
 <string name="act3\_title">Activity 3 title</string>  
 <string name="Act1">Activity 1</string>  
 <string name="Act2">Activity 2</string>  
 <string name="Act3">Activity 3</string>  
 <string name="but2">To Activity 2</string>  
 <string name="but3">To Activity 3</string>  
 <string name="bk1">Back To Activity 1</string>  
 <string name="bk2">Back To Activity 2</string>  
 <string-array name="eat">  
 <item>beef</item>  
 <item>pork</item>  
 <item>sheep</item>  
 </string-array>  
</resources>

zh-rTW\string.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<resources>  
 <string name="app\_name">我的爪哇應用程式</string>  
 <string name="act2\_title">活動2標題</string>  
 <string name="act3\_title">活動3標題</string>  
 <string name="Act1">活動1</string>  
 <string name="Act2">活動2</string>  
 <string name="Act3">活動3</string>  
 <string name="but2">至活動2</string>  
 <string name="but3">至活動3</string>  
 <string name="bk1">回歸活動3</string>  
 <string name="bk2">回歸活動3</string>  
 <string-array name="eat">  
 <item>牛肉</item>  
 <item>豬肉</item>  
 <item>羊肉</item>  
 </string-array>  
</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/app\_name"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.W3\_209410314"  
 tools:targetApi="31">  
 <activity  
 android:name=".Third3"  
 android:exported="false" />  
 <activity  
 android:name=".Second2"  
 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">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/Act1"  
 android:id="@+id/res"/>  
  
 <Button  
 android:id="@+id/b1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/res"  
 android:text="@string/but2"/>  
  
</RelativeLayout>

activity\_second2.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=".Second2">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/Act2" />  
  
 <Button  
 android:id="@+id/b2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/textView"  
 android:text="@string/but3"/>  
  
 <Button  
 android:id="@+id/b3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/textView"  
 android:layout\_toRightOf="@+id/b2"  
 android:text="@string/bk1" />  
</RelativeLayout>

activity\_third3.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=".Third3">  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/Act3"/>  
  
 <Button  
 android:id="@+id/b4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/textView2"  
 android:text="@string/bk2"/>  
  
</RelativeLayout>

MainActivity.java:  
package com.example.w3\_209410314;  
  
import …  
public class MainActivity extends AppCompatActivity implements View.OnClickListener {  
 String f[];  
  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Log.*d*("test","Main\_onCreate");  
 Button b1=(Button)findViewById(R.id.*b1*); b1.setOnClickListener(this);  
 f=new String[3]; f=getResources().getStringArray(R.array.*eat*);  
 String ss="傳送資料如右:編號:2，身分:學生，愛吃:", s1="";  
 for(int i=0 ; i<f.length ; i++)  
 if(i==0) s1=f[i]; else s1+="、"+f[i];  
 TextView rr=(TextView) findViewById(R.id.*res*); rr. setText(ss+s1);  
*// Toast.makeText(this, ""+f.length, Toast.LENGTH\_SHORT).show();* }  
  
 public void onClick(View view) {  
 Intent it=new Intent(this, Second2.class); startActivity(it);  
 it.putExtra("編號",2);  
 it.putExtra("身分","學生");  
 it.putExtra("愛吃",f); startActivity(it);  
 }  
  
 protected void onStart(){  
 super.onStart(); Log.*d*("test","Main\_onStart");  
 }  
 protected void onResume(){  
 super.onResume(); Log.*d*("test","Main\_onResume");  
 }  
 protected void onPause(){  
 super.onPause(); Log.*d*("test","Main\_onPause");  
 }  
 protected void onStop(){  
 super.onStop(); Log.*d*("test","Main\_onStop");  
 }  
 protected void onDestroy(){  
 super.onDestroy(); Log.*d*("test","Main\_onDestroy");  
 }  
}

Second2.java:

package com.example.w3\_209410314;  
  
import …  
  
public class Second2 extends AppCompatActivity implements View.OnClickListener{  
 Button b2, b3;  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second2*);  
 Log.*d*("test","Second2\_onCreate"); setTitle(getString(R.string.*act2\_title*));  
 b2=(Button) findViewById(R.id.*b2*);  
 b3=(Button) findViewById(R.id.*b3*);  
 b2.setOnClickListener(this);  
 b3.setOnClickListener(this);  
 Intent it=getIntent();  
 int no=it.getIntExtra("編號",0);  
 String id=it.getStringExtra("身分");  
 String f[]=it.getStringArrayExtra("愛吃");  
 TextView r1=(TextView) findViewById(R.id.*textView*);  
 String ss="接收資料如右:編號:"+no+",愛吃:", s1="";  
 for(int i=0 ; i<f.length ; i++) if (i==0) s1=f[i]; else s1+="、"+f[i];  
 r1.setText(ss+s1);  
 }  
  
 public void onClick(View view) {  
 if(view == b2) {  
 Intent it=new Intent(this, Third3.class); startActivity(it);  
 }  
 if(view == b3) finish();  
 }  
  
 protected void onStart(){  
 super.onStart(); Log.*d*("test","Second2\_onStart");  
 }  
 protected void onResume(){  
 super.onResume(); Log.*d*("test","Second2\_onResume");  
 }  
 protected void onPause(){  
 super.onPause(); Log.*d*("test","Second2\_onPause");  
 }  
 protected void onStop(){  
 super.onStop(); Log.*d*("test","Second2\_onStop");  
 }  
 protected void onDestroy(){  
 super.onDestroy(); Log.*d*("test","Second2\_onDestroy");  
 }  
}

Third3.java:

package com.example.w3\_209410314;  
  
import …  
public class Third3 extends AppCompatActivity implements View.OnClickListener {  
  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_third3*);  
 Log.*d*("test", "Third\_onCreate");  
 Button b4=(Button) findViewById(R.id.*b4*);  
 b4.setOnClickListener(this);  
 }  
  
 public void onClick(View view) {  
 finish();  
 }  
  
 protected void onStart(){  
 super.onStart(); Log.*d*("test","Third3\_onStart");  
 }  
 protected void onResume(){  
 super.onResume(); Log.*d*("test","Third3\_onResume");  
 }  
 protected void onPause(){  
 super.onPause(); Log.*d*("test","Third3\_onPause");  
 }  
 protected void onStop(){  
 super.onStop(); Log.*d*("test","Third3\_onStop");  
 }  
 protected void onDestroy(){  
 super.onDestroy(); Log.*d*("test","Third\_onDestroy");  
 }  
}