活動2標題

接收資料如右:編號:2,愛吃:牛肉、豬肉、羊肉

至活動3　回歸活動1

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W3

strings.xml

```xml
<resources>
    <string name="app_name">My Java APP</string>
    <string name="act1_title">Activity 1 title</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\strings.xml

```xml
1   <?xml version="1.0" encoding="utf-8"?>
2   <resources>
3       <string name="app_name">我的爪哇應用程式</string>
4       <string name="act1_title">活動1標題</string>
5       <string name="act2_title">活動2標題</string>
6       <string name="act3_title">活動3標題</string>
7       <string name="Act1">活動1</string>
8       <string name="Act2">活動2</string>
9       <string name="Act3">活動3</string>
10      <string name="but2">至活動2</string>
11      <string name="but3">至活動3</string>
12      <string name="bk1">回歸活動1</string>
13      <string name="bk2">回歸活動2</string>
14      <string-array name="eat">
15          <item>牛肉</item>
16          <item>豬肉</item>
17          <item>羊肉</item>
18      </string-array>
19  </resources>
```

activity_main.xml

```xml
1   <?xml version="1.0" encoding="utf-8"?>
2   <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3       xmlns:app="http://schemas.android.com/apk/res-auto"
4       xmlns:tools="http://schemas.android.com/tools"
5       android:layout_width="match_parent"
6       android:layout_height="match_parent"
7       tools:context=".MainActivity">
8
9       <TextView
10          android:layout_width="wrap_content"
11          android:layout_height="wrap_content"
12          android:text="@string/Act1"
13          android:id="@+id/res"/>
14
15      <Button
16          android:id="@+id/b1"
17          android:layout_width="wrap_content"
18          android:layout_height="wrap_content"
19          android:layout_below="@+id/res"
20          android:text="@string/but2"/>
21
22  </RelativeLayout>
```

activity_second2.xml

```xml
 7          tools:context=".Second2">
 8
 9          <TextView
10              android:id="@+id/textView"
11              android:layout_width="wrap_content"
12              android:layout_height="wrap_content"
13              android:text="@string/Act2" />
14          <Button
15              android:id="@+id/b2"
16              android:layout_width="wrap_content"
17              android:layout_height="wrap_content"
18              android:layout_below="@+id/textView"
19              android:text="@string/but3"/>
20          <Button
21              android:id="@+id/b3"
22              android:layout_width="wrap_content"
23              android:layout_height="wrap_content"
24              android:layout_below="@+id/textView"
25              android:layout_toRightOf="@+id/b2"
26              android:text="@string/bk1" />
27      </RelativeLayout>
```

activity_third3.xml

```xml
 1      <?xml version="1.0" encoding="utf-8"?>
 2      <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
 3          xmlns:app="http://schemas.android.com/apk/res-auto"
 4          xmlns:tools="http://schemas.android.com/tools"
 5          android:layout_width="match_parent"
 6          android:layout_height="match_parent"
 7          tools:context=".Third3">
 8
 9          <TextView
10              android:id="@+id/textView2"
11              android:layout_width="wrap_content"
12              android:layout_height="wrap_content"
13              android:text="@string/Act3"/>
14
15          <Button
16              android:id="@+id/b4"
17              android:layout_width="wrap_content"
18              android:layout_height="wrap_content"
19              android:layout_below="@+id/textView2"
20              android:text="@string/bk2"/>
21
22      </RelativeLayout>
```

MainActivity.java

```java
package com.example.w3_209410314;

import ...

// 2 usages
public class MainActivity extends AppCompatActivity implements View.OnClickListener {
    // 6 usages
    String f[];

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        setTitle(getString(R.string.act1_title));
        Log.d( tag: "test", msg: "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( packageContext: this, Second2.class); startActivity(it);
        it.putExtra( name: "編號", value: 2);
        it.putExtra( name: "身分", value: "學生");
        it.putExtra( name: "愛吃",f); startActivity(it);
    }

    protected void onStart(){
        super.onStart(); Log.d( tag: "test", msg: "Main_onStart");
    }
    protected void onResume(){
        super.onResume(); Log.d( tag: "test", msg: "Main_onResume");
    }
    protected void onPause(){
        super.onPause(); Log.d( tag: "test", msg: "Main_onPause");
    }
    protected void onStop(){
        super.onStop(); Log.d( tag: "test", msg: "Main_onStop");
    }
    protected void onDestroy(){
        super.onDestroy(); Log.d( tag: "test", msg: "Main_onDestroy");
    }
}
```

Second2.java

```java
package com.example.w3_209410314;

import ...
3 usages
public class Second2 extends AppCompatActivity implements View.OnClickListener{
    3 usages
    Button b2, b3;
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_second2);
        Log.d( tag: "test", msg: "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( name: "編號", defaultValue: 0);
        String id=it.getStringExtra( name: "身分");
        String f[]=it.getStringArrayExtra( name: "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( packageContext: this, Third3.class); startActivity(it);
        }
        if(view == b3) finish();
    }

    protected void onStart(){
        super.onStart(); Log.d( tag: "test", msg: "Second2_onStart");
    }
    protected void onResume(){
        super.onResume(); Log.d( tag: "test", msg: "Second2_onResume");
    }
    protected void onPause(){
        super.onPause(); Log.d( tag: "test", msg: "Second2_onPause");
    }
    protected void onStop(){
        super.onStop(); Log.d( tag: "test", msg: "Second2_onStop");
    }
    protected void onDestroy(){
        super.onDestroy(); Log.d( tag: "test", msg: "Second2_onDestroy");
    }
}
```

Third3.java

```java
public class Third3 extends AppCompatActivity implements View.OnClickListener {
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_third3);
        setTitle(getString(R.string.act3_title));
        Log.d( tag: "test",  msg: "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( tag: "test", msg: "Third3_onStart");
    }
    protected void onResume(){
        super.onResume(); Log.d( tag: "test", msg: "Third3_onResume");
    }
    protected void onPause(){
        super.onPause(); Log.d( tag: "test", msg: "Third3_onPause");
    }
    protected void onStop(){
        super.onStop(); Log.d( tag: "test", msg: "Third3_onStop");
    }
    protected void onDestroy(){
        super.onDestroy(); Log.d( tag: "test", msg: "Third_onDestroy");
    }
}
```