

6:48

計算成績

學號:

姓名:

送出

結果:

1.點一下修改

2.長按清除

3.

4.

5.

6.



W5

## strings.xml

```
1 <resources>
2     <string name="app_name">My Java app</string>
3     <string name="avg">Compute Average</string>
4     <string name="id">Stu_id:</string>
5     <string name="na">Name:</string>
6     <string name="send">Send</string>
7     <string name="rr">Result:</string>
8     <string name="ch">Chinese:</string>
9     <string name="en">English:</string>
10    <string name="aav">Average</string>
11    <string name="rev">Receive</string>
12    <string name="av_s">Average:</string>
13    <string name="sure">Sure</string>
14    <string name="can">Cancel</string>
15    <string name="err">error</string>
16    <string name="m1">Mini Memo</string>
17    <string name="m2">Edit Memo</string>
18 </resources>
```

## zh-rTW\strings.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <resources>
3      <string name="app_name">計算成績</string>
4      <string name="avg">算平均</string>
5      <string name="id">學號:</string>
6      <string name="na">姓名:</string>
7      <string name="send">送出</string>
8      <string name="rr">結果:</string>
9      <string name="ch">中文:</string>
10     <string name="en">英文:</string>
11     <string name="aav">平均</string>
12     <string name="rev">接收資料:</string>
13     <string name="av_s">平均:</string>
14     <string name="sure">確定</string>
15     <string name="can">取消</string>
16     <string name="err">有欄位空值</string>
17     <string name="m1">迷你備忘錄</string>
18     <string name="m2">編輯備忘錄</string>
19 </resources>
```

## activity\_main.xml

```
9  <TextView
10      android:id="@+id/textView1"
11      android:layout_width="wrap_content"
12      android:layout_height="wrap_content"
13      android:text="@string/id" />
14  <EditText
15      android:id="@+id/ed1"
16      android:layout_width="wrap_content"
17      android:layout_height="wrap_content"
18      android:ems="10"
19      android:layout_toRightOf="@+id/textView1"
20      android:inputType="textPersonName"
21      android:text="" />
22  <TextView
23      android:id="@+id/textView2"
24      android:layout_width="wrap_content"
25      android:layout_height="wrap_content"
26      android:layout_below="@+id/ed1"
27      android:text="@string/na" />
```

```

29 <EditText
30     android:id="@+id/ed2"
31     android:layout_width="wrap_content"
32     android:layout_height="wrap_content"
33     android:layout_below="@+id/ed1"
34     android:ems="10"
35     android:layout_toRightOf="@+id/textView2"
36     android:inputType="textPersonName"
37     android:text="" />
38 <Button
39     android:id="@+id/b1"
40     android:layout_width="wrap_content"
41     android:layout_height="wrap_content"
42     android:layout_below="@id/ed2"
43     android:text="@string/send" />
44 <TextView
45     android:id="@+id/tv1"
46     android:layout_width="wrap_content"
47     android:layout_height="wrap_content"
48     android:layout_below="@id/b1"
49     android:text="@string/rr" />

```

```

51 <ListView
52     android:id="@+id/lv"
53     android:layout_width="match_parent"
54     android:layout_height="wrap_content"
55     android:layout_below="@+id/tv1" />
56 </RelativeLayout>

```

## activity\_comp.xml

```

9 <TextView
10     android:id="@+id/tv1"
11     android:layout_width="wrap_content"
12     android:layout_height="wrap_content"
13     android:text="@string/rev" />
14 <TextView
15     android:id="@+id/textView3"
16     android:layout_width="wrap_content"
17     android:layout_height="wrap_content"
18     android:layout_below="@+id/tv1"
19     android:text="@string/ch" />
20 <EditText
21     android:id="@+id/ed_ch"
22     android:layout_width="wrap_content"
23     android:layout_height="wrap_content"
24     android:layout_below="@+id/tv1"
25     android:layout_toRightOf="@+id/textView3"
26     android:ems="10"
27     android:inputType="textPersonName"
28     android:text="" />

```

```

30 <TextView
31     android:id="@+id/textView4"
32     android:layout_width="wrap_content"
33     android:layout_height="wrap_content"
34     android:layout_below="@+id/ed_ch"
35     android:text="@string/en"/>
36 <EditText
37     android:id="@+id/ed_en"
38     android:layout_width="wrap_content"
39     android:layout_height="wrap_content"
40     android:layout_below="@+id/ed_ch"
41     android:layout_toRightOf="@+id/textView4"
42     android:ems="10"
43     android:inputType="textPersonName"
44     android:text="" />
45 <Button
46     android:id="@+id/b2"
47     android:layout_width="wrap_content"
48     android:layout_height="wrap_content"
49     android:layout_below="@+id/ed_en"
50     android:layout_marginTop="25dp"
51     android:text="@string/aav" />

```

```

53 <EditText
54     android:id="@+id/ed_memo"
55     android:layout_width="match_parent"
56     android:layout_height="150sp"
57     android:layout_below="@+id/b2"
58     android:ems="10"
59     android:inputType="textPersonName"
60     android:text="" />

```

```

62 <LinearLayout
63     android:layout_width="match_parent"
64     android:layout_height="match_parent"
65     android:layout_below="@+id/ed_memo"
66     android:gravity="right"
67     android:orientation="horizontal">
68     <Button
69         android:id="@+id/b_sure"
70         android:layout_width="wrap_content"
71         android:layout_height="wrap_content"
72         android:text="@string/sure"/>
73     <Button
74         android:id="@+id/b_can"
75         android:layout_width="wrap_content"
76         android:layout_height="wrap_content"
77         android:text="@string/can"/>
78 </LinearLayout>
79 </RelativeLayout>

```

# MainActivity.java

```
20 public class MainActivity extends AppCompatActivity implements View.OnClickListener,
21     AdapterView.OnItemClickListener, AdapterView.OnItemLongClickListener {
22     2 usages
23     EditText e1,e2; TextView rr; Button b1; ListView lv;
24     3 usages
25     String memo[]={ "1.點一下修改", "2.長按清除", "3.", "4.", "5.", "6." };
26     3 usages
27     ArrayAdapter<String> ad;
28     protected void onCreate(Bundle savedInstanceState) {
29         super.onCreate(savedInstanceState);
30         setContentView(R.layout.activity_main);
31         e1=(EditText) findViewById(R.id.ed1);
32         e2=(EditText) findViewById(R.id.ed2);
33         b1=(Button) findViewById(R.id.b1); b1.setOnClickListener(this);
34         rr=(TextView) findViewById(R.id.tv1);
35         Intent it=getIntent();
36         String tt=it.getStringExtra( name: "avg");
37         Toast.makeText( context: this, text: "tt="+tt, Toast.LENGTH_SHORT).show();
38         if(tt != null) rr.setText(getString(R.string.rr)+"\n"+tt);
39         lv=(ListView) findViewById(R.id.lv);
40         ad=new ArrayAdapter<String>
41             ( context: this, android.R.layout.simple_list_item_1, memo);
42         lv.setAdapter(ad); lv.setOnItemClickListener(this);
43         lv.setOnItemLongClickListener(this);
44     }
```

```

43 public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {
44     setTitle(getString(R.string.m1));
45     Intent it=new Intent( packageContext: this, Comp.class);
46     it.putExtra( name: "memo", memo[i]);
47     startActivity(it);
48 }
49
50 public boolean onItemLongClick(AdapterView<?> adapterView, View view, int i, long l) {
51     setTitle(getString(R.string.m1));
52     memo[i]=(i+1)+". "; ad.notifyDataSetChanged(); return true;
53 }
54
55 public void onClick(View view) {
56     if(view == b1){
57         Intent it = new Intent( packageContext: this, Comp.class);
58         String id=e1.getText().toString(), name=e2.getText().toString();
59         if(id.length() > 0 && name.length() > 0){
60             it.putExtra( name: "id", id);
61             it.putExtra( name: "na", name);
62             startActivity(it);
63         }
64         else Toast.makeText( context: this, getString(R.string.err), Toast.LENGTH_SHORT).show();
65     }
66 }
67 }

```

## Comp.java

```

12 public class Comp extends AppCompatActivity implements View.OnClickListener {
13
14     2 usages
15     TextView tv1; EditText ch,en,ed3; Button b2,bs,bc; String id,name,mo;
16     protected void onCreate(Bundle savedInstanceState) {
17         super.onCreate(savedInstanceState);
18         setContentView(R.layout.activity_comp);
19         tv1=(TextView) findViewById(R.id.tv1);
20         Intent it=getIntent();
21         id=it.getStringExtra( name: "id");
22         name=it.getStringExtra( name: "na");
23         mo=it.getStringExtra( name: "memo");
24         if(mo != null) setTitle(getString(R.string.m2));
25         tv1.setText(getString(R.string.rr)+"\n" +
26             getString(R.string.id)+id+"\n" +
27             getString(R.string.na) + name + "\n");
28         ch=(EditText)findViewById(R.id.ed_ch);
29         en=(EditText)findViewById(R.id.ed_en);
30         ed3=(EditText)findViewById(R.id.ed_memo); ed3.setText(mo);
31         b2=(Button) findViewById(R.id.b2); b2.setOnClickListener(this);
32         bs=(Button) findViewById(R.id.b_sure); bs.setOnClickListener(this);
33         bc=(Button) findViewById(R.id.b_can); bc.setOnClickListener(this);
34     }

```

```

35 public void onClick(View view) {
36     if(view == bc) finish();
37     if(view == bs);
38     if(view == b2){
39         Intent it = new Intent( packageContext: this, MainActivity.class);
40         String ch_s = ch.getText().toString(),
41             en_s = en.getText().toString();
42         if(ch_s.length() > 0 && en_s.length() > 0){
43             double ch_n=Double.parseDouble(ch_s),
44                 en_n=Double.parseDouble(en_s),
45                 avg; avg=(ch_n + en_n)/2.0;
46             String tmp = getString(R.string.id)+id+"\n"+
47                 getString(R.string.nd)+name+"\n"+
48                 getString(R.string.ch)+ch_s+"\n"+
49                 getString(R.string.en)+en_s+"\n"+
50                 getString(R.string.av_s)+avg+"\n";
51             Toast.makeText( context: this,tmp, Toast.LENGTH_SHORT).show();
52             it.putExtra( name: "avg", tmp); startActivity(it);
53         } else Toast.makeText( context: this, getString(R.string.err), Toast.LENGTH_SHORT).show();
54     }
55 }
56 }

```