W2_1

strings.xml

```
1   <resources>
2       <string name="app_name">My Java App</string>
3       <string name="disp">Display Toast</string>
4       <string name="qu">Android Questionaire</string>
5       <string name="ms">Do you like Android Cellphone ?</string>
6       <string name="ch">Your Choice</string>
7       <string name="no">No Comment</string>
8       <string name="lk">Like</string>
9       <string name="ht">Hate</string>
10  </resources>
```

zh-rTW\strings.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="disp">顯示即時資訊</string>
5       <string name="qu">安卓問卷調查</string>
6       <string name="ms">你喜歡安著手機嗎</string>
7       <string name="ch">你選擇:</string>
8       <string name="no">沒有意見</string>
9       <string name="lk">喜歡</string>
10      <string name="ht">討厭</string>
11  </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="Hello World!"
13          android:id="@+id/res"/>
14      <Button
15          android:id="@+id/b1"
16          android:layout_width="wrap_content"
17          android:layout_height="wrap_content"
18          android:layout_toRightOf="@+id/res"
19          android:text="@string/disp" />
20
21  </RelativeLayout>
```

MainActivity.java

```java
1   package com.example.w2_209410314_1;
2
3   import ...
15
    2 usages
16  public class MainActivity extends AppCompatActivity implements View.OnClickListener,
17          DialogInterface.OnClickListener {
18
        5 usages
19      Toast tos; Button b1; int i=1; TextView rr;
20      protected void onCreate(Bundle savedInstanceState) {
21          super.onCreate(savedInstanceState);
22          setContentView(R.layout.activity_main);
23          tos = Toast.makeText( context: this, getString(R.string.disp), Toast.LENGTH_SHORT);
24          b1=(Button) findViewById(R.id.b1); tos.show(); b1.setOnClickListener(this);
25          rr=(TextView) findViewById(R.id.res);
26          new AlertDialog.Builder( context: this).setTitle(getString(R.string.qu)).
27              setMessage(getString(R.string.ms)).setIcon(android.R.drawable.star_big_on).
28              setCancelable(false).setPositiveButton(getString(R.string.lk), listener: this).
29              setNegativeButton(getString(R.string.ht), listener: this).
30              setNeutralButton(getString(R.string.no), listener: this).
31              show();
32      }
```

```java
    public void onClick(View view) {
        tos.setText("i+"+(i++));
        tos.setGravity( gravity: Gravity.TOP | Gravity.RIGHT, xOffset: 0, yOffset: 50); tos.show();
    }

    public void onClick(DialogInterface dialogInterface, int i) {
        if(i==DialogInterface.BUTTON_POSITIVE)
            rr.setText(getString(R.string.ch)+getString(R.string.lk));
        if(i==DialogInterface.BUTTON_NEGATIVE)
            rr.setText(getString(R.string.ch)+getString(R.string.ht));
        if(i==DialogInterface.BUTTON_NEUTRAL)
            rr.setText(getString(R.string.ch)+getString(R.string.no));
    }
}
```