

버튼 이벤트 처리

여러 개의 버튼을 ID를 기반으로 처리



프로젝트 생성

2



Application name: **ButtonClickEvent**

Company Domain: **admid.example.com**

Project location: **C:\Android\StdWork\ButtonClickEvent**

Target Android Devices

- **Phone and Tablet**
- **Minimun SDK API 17 : Android 4.0.3**

Add an activity to Mobile : **Empty Activity**

Customize the Activity

Activity Name: **MainActivity**

Layout Name: **activity_main**



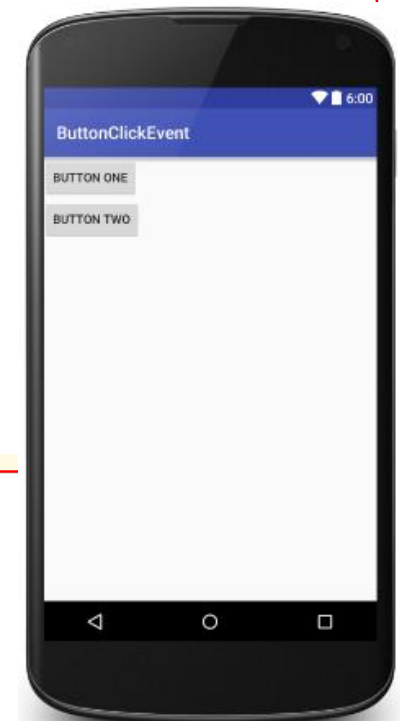


activity_main.xml x

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">

    <Button
        android:id="@+id/btn1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button One" />

    <Button
        android:id="@+id/btn2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button Two" />
</LinearLayout>
```



```
MainActivity.java x
1 package com.example.admin.buttonclিকেvent;
2
3 import ...
8
9 public class MainActivity extends AppCompatActivity {
10
11     @Override
12     protected void onCreate(Bundle savedInstanceState) {
13         super.onCreate(savedInstanceState);
14         setContentView(R.layout.activity_main);
15
16         findViewById(R.id.btn1).setOnClickListener(bClickListener);
17         findViewById(R.id.btn2).setOnClickListener(bClickListener);
18     }
19
20     Button.OnClickListener bClickListener = new View.OnClickListener() {
21         @Override
22         public void onClick(View v) {
23             switch(v.getId()){
24                 case R.id.btn1 :
25                     Toast.makeText(getApplicationContext(),
26                         "Button One Click!", Toast.LENGTH_SHORT).show();
27                     break;
28                 case R.id.btn2 :
29                     Toast.makeText(getApplicationContext(),
30                         "Button Two Click!", Toast.LENGTH_SHORT).show();
31             }
32         }
33     };
34 }
```

