# 스마트폰 프로그래밍 Assign #8

(제목 : GMapCamera)

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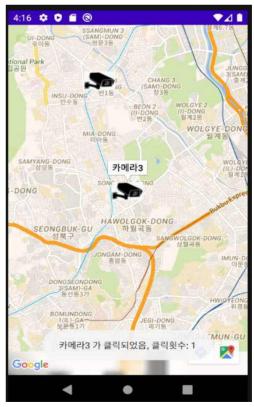
본인은 타인이나 다른 매체를 도용하지 않았음을 확인합니다 <본인사인>

## <실행화면>









### <MapsActivity.java>

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                                                protected void onCreate(Bundle savedInstanceState) {
                                                          setContentView(R.layout.activity_maps);
SupportMapFragment mapFragment = (SupportMapFragment)
                                                          .findFragmentById(R.id.map);
mapFragment.getMapAsync( callback this);
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                                                        public void onMapReady(GoogleMap googleMap) {
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> De values
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        > Di themes (2)
                                          5
                                                              mCam2.setTag(0);
                                                              mCam3 = mMap.addMarker(new MarkerOptions()
                                          53
                                                              mCam3.setTag(8)
```

```
package com.example.gmapcamera;
import androidx.fragment.app.FragmentActivity;
import android.os.Bundle;
import android.widget.Toast;
import com.google.android.gms.maps.CameraUpdateFactory;
import com.google.android.gms.maps.GoogleMap;
import com.google.android.gms.maps.OnMapReadyCallback;
import com.google.android.gms.maps.SupportMapFragment;
import com.google.android.gms.maps.model.BitmapDescriptorFactory;
import com.google.android.gms.maps.model.LatLng;
import com.google.android.gms.maps.model.Marker;
import com.google.android.gms.maps.model.MarkerOptions;
public class MapsActivity extends FragmentActivity
        implements GoogleMap.OnMarkerClickListener, OnMapReadyCallback {
    private static final LatLng CAM1 = new LatLng(37.63717057, 127.0270418);
    private static final LatLng CAM2 = new LatLng(37.65154554, 127.0122203);
    private static final LatLng CAM3 = new LatLng(37.612849, 127.034268);
    private Marker mCam1;
    private Marker mCam2:
    private Marker mCam3;
    private GoogleMap mMap;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_maps);
        SupportMapFragment mapFragment = (SupportMapFragment)
                getSupportFragmentManager()
                .findFragmentById(R.id.map);
        mapFragment.getMapAsync(this);
    @Override
    public void onMapReady(GoogleMap googleMap) {
        mMap = googleMap;
        mCam1 = mMap.addMarker(new MarkerOptions()
                .position(CAM1).title("카메라1")
                .icon(BitmapDescriptorFactory
                        .fromResource(R.drawable.cam ss)));
        mCam1.setTag(0);
        mCam2 = mMap.addMarker(new MarkerOptions()
                .position(CAM2).title("카메라2")
                .icon(BitmapDescriptorFactory
                        .fromResource(R.drawable.cam_ss)));
        mCam2.setTag(0);
        mCam3 = mMap.addMarker(new MarkerOptions()
                .position(CAM3).title("카메라3")
                .icon(BitmapDescriptorFactory
                        .fromResource(R.drawable.cam_ss)));
        mCam3.setTag(0);
        mMap.setOnMarkerClickListener(this);
        mMap.moveCamera(CameraUpdateFactory.newLatLngZoom(CAM1, 13));
    @Override
    public boolean onMarkerClick(final Marker marker) {
        Integer clickCount = (Integer) marker.getTag();
```

### <string.xml>

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```
<resources >
    <string name="app_name">GMapCamera </string >
    <string name="title_activity_maps">MapsActivity </string >
</resources >
```

#### <activity\_maps.xml>

```
<?xml version="1.0"encoding="utf-8"?>
<fragment xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:map="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:id="@+id/map"
android:name="com.google.android.gms.maps.SupportMapFragment"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MapsActivity"/>
```