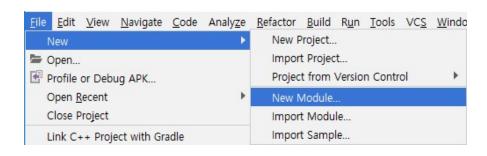
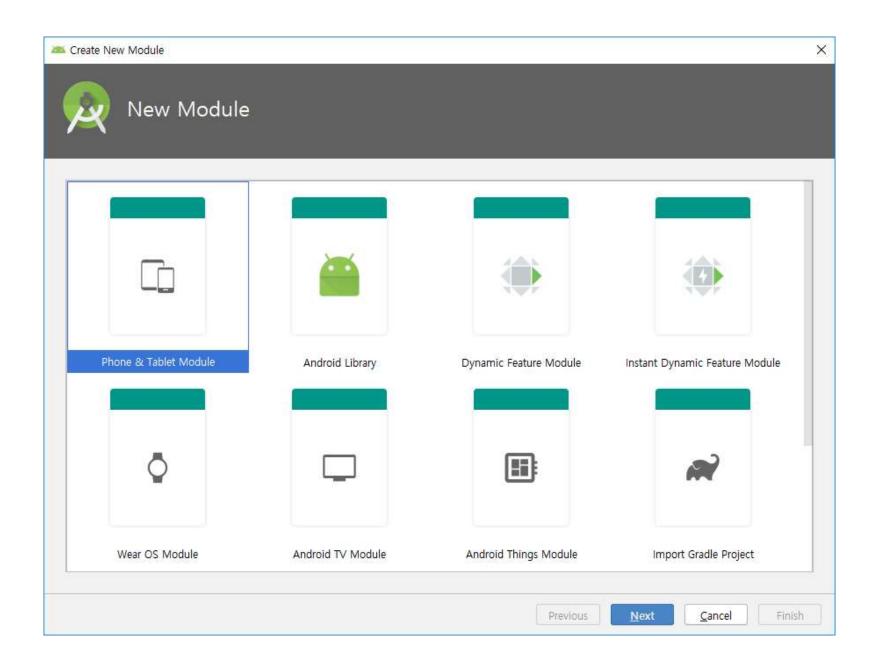
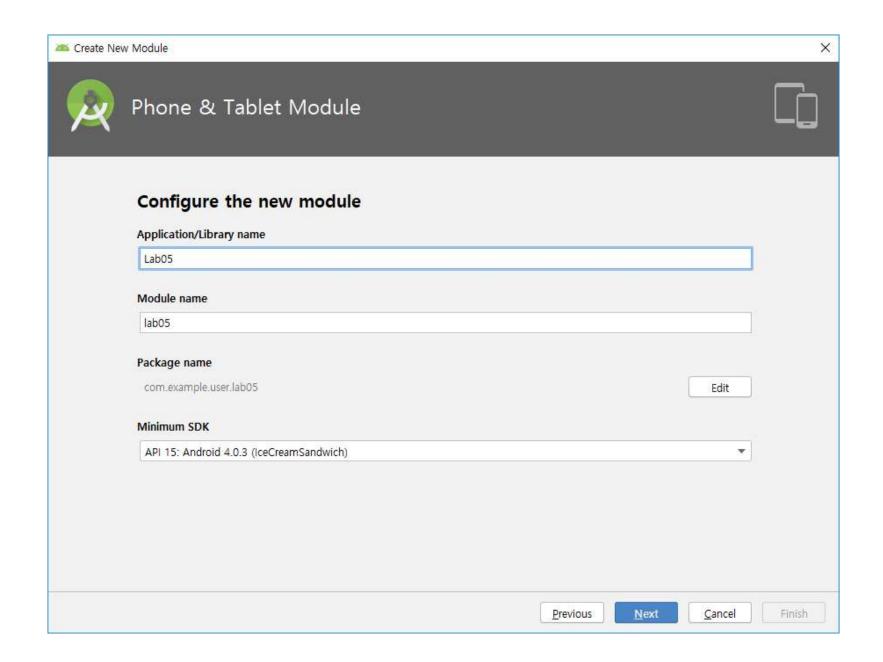
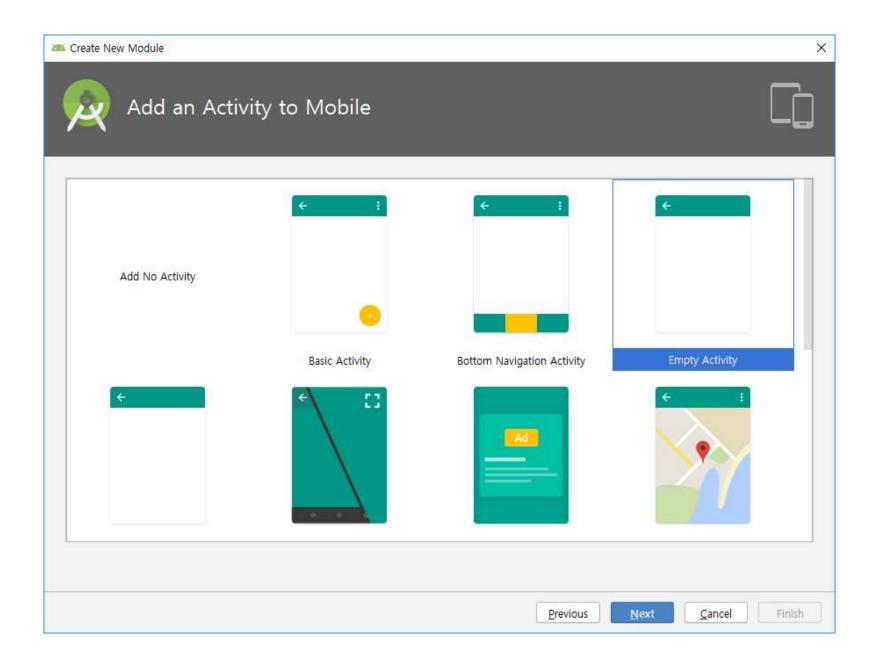
리소스 활용과 애니메이션 효과

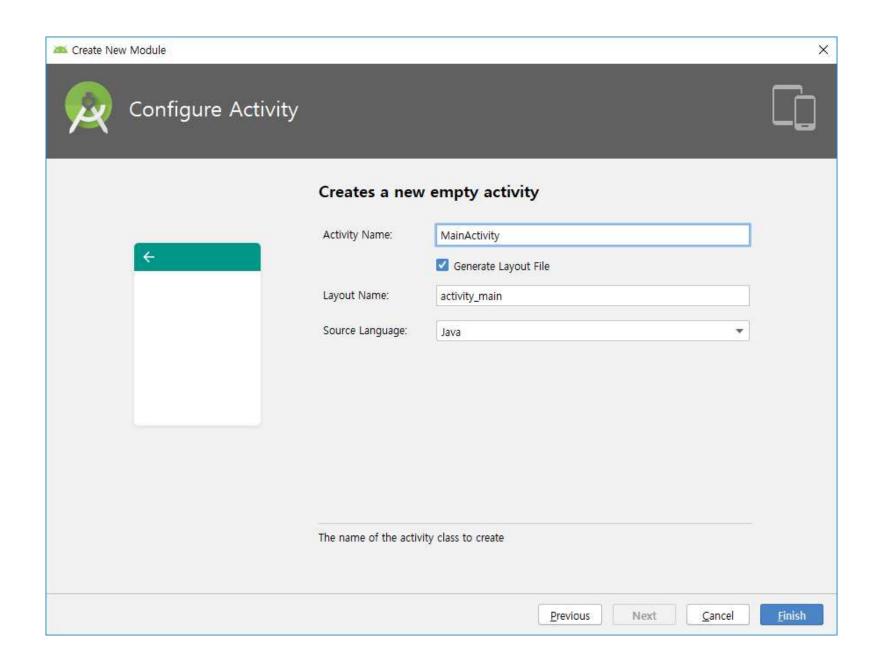
Step 1 _ 모듈 생성



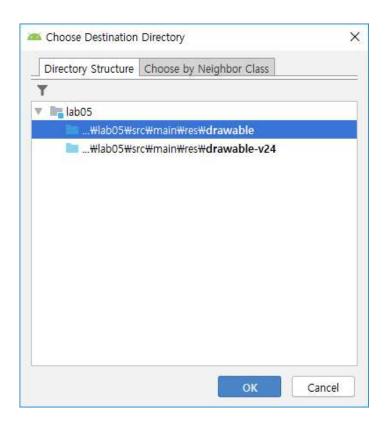


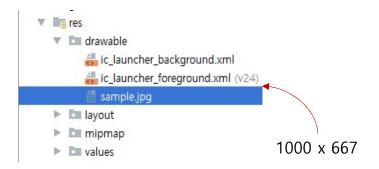






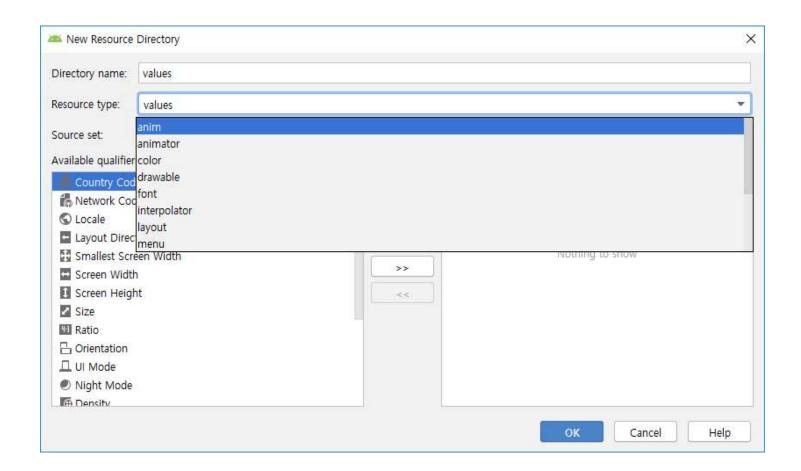
Step 2 _ 파일 복사



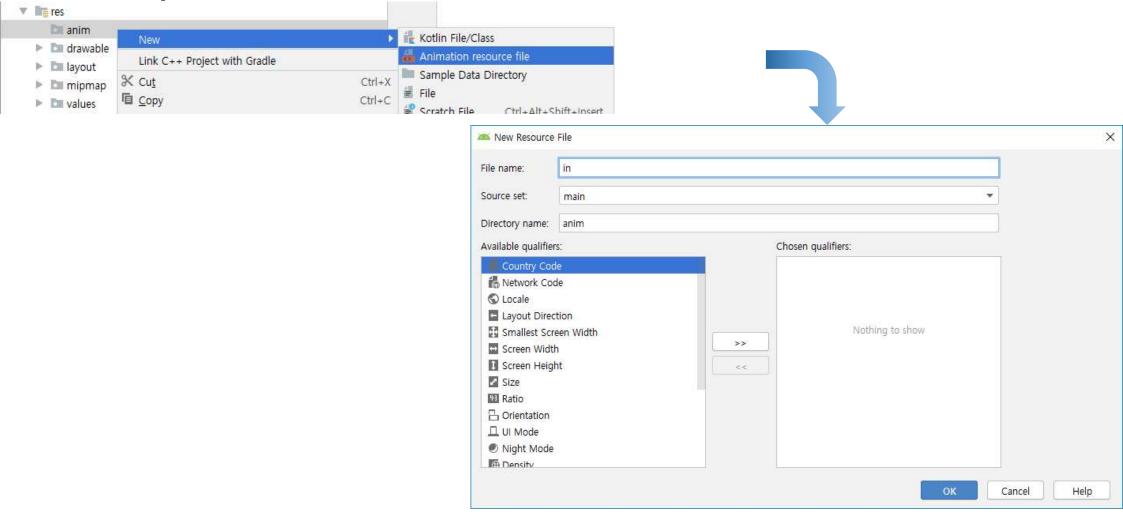


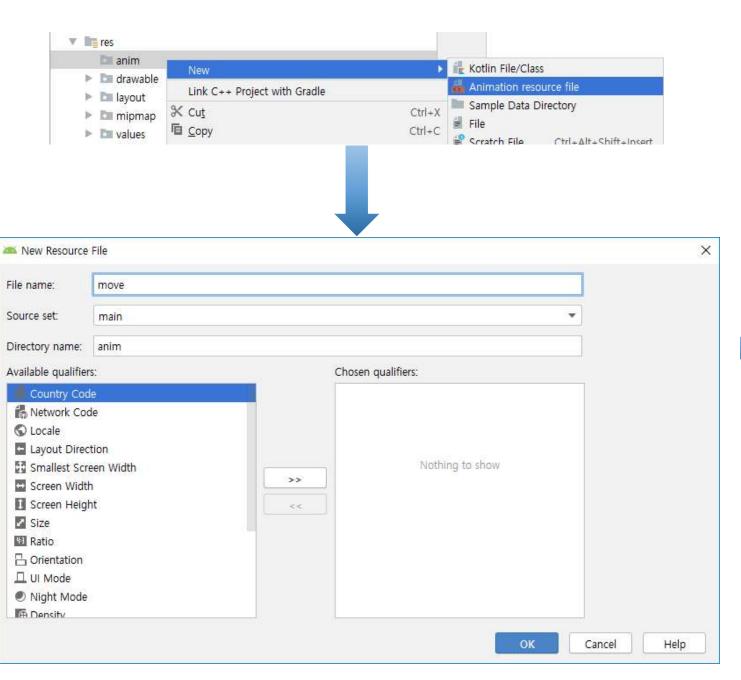
Step 3 _ anim 폴더 생성





Step 4 _ 애니메이션 XML 파일 생성







Step 5 _ in.xml 파일 작성

```
<?xml version="1.0" encoding="utf-8"?>
<set xmlns:android="http://schemas.android.com/apk/res/android">
    ⟨scale ♣७⟩
        android:fromXScale="0.0"처음 너이
        android:toXScale="1.0" 칫녕 너님
        android:fromYScale="0.0"
        android:toYScale="1.0"
        android:pivotX="50%" > 7 \ android:pivotY="50%"
       android:startOffset="0" ~ Total android:duration="2000" /> (msetal)
                                                       time
                               NAAV
    calpha 투명도
        android:fromAlpha="0.0"
        android:toAlpha="1.0"
        android:startOffset="0"
        android:duration="2000" />
</set>
```

Step 6 _ move.xml 파일 작성

뷰가 하단으로 슬라이드 되면서 사라지는 애니메이션

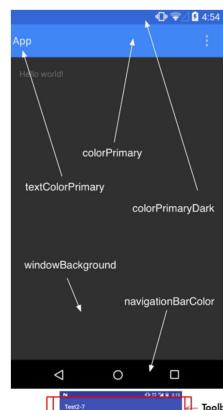
three formats available:

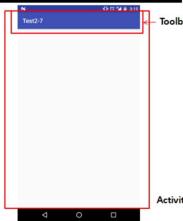
- · values from -100 to 100 ending with ["%"] indicating a percentage relative to itself;
- · values from -100 to 100 ending in "%p", indicating a percentage relative to its parent;
- · a float value with no suffix, indicating an absolute value (in pixels relative to the normal position)

% 才 & 电 PX 당 引

Step 7 _ res/values/style.xml 작성

```
<resources>
```





</resources>

Step 8 _ AndroidManifest.xml에 스타일 설정

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    package="com.example.user.lab05">
    <application</pre>
        android:allowBackup="true"
        android:icon="@mipmap/ic launcher"
                                                           테마(Theme): 액티비티 혹은 앱 전체를 위한 스타일
        android:label="@string/app name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">←
        <activity android:name=".MainActivity" android:theme="@style/MyTheme">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

Step 9 _ activity_main.xml 파일 작성

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    android:layout width="match parent"
    android: layout height="match parent">
    <TextView
        android: layout width="wrap content"
        android: layout height="wrap content"
        android:text="Hello World!!" />
    <ImageView</pre>
        android:id="@+id/img"
        android: layout width="wrap content"
        android:layout_height="wrap_content"
        android:scaleType="centerCrop"
        android:maxWidth="500dp"
        android:maxHeight="300dp"
        android:adjustViewBounds="true"
        android:src="@drawable/sample"
        android:layout alignParentBottom="true" />
</RelativeLayout>
```

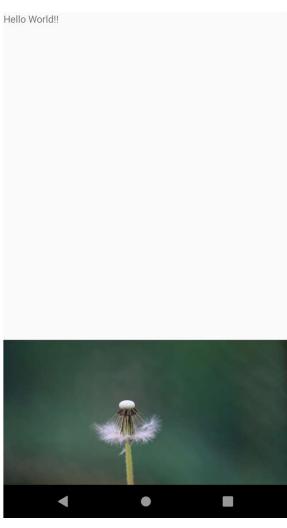
Step 10 _ MainActivity.java 작성

// 애니메이션 시작

imageView.startAnimation(anim);

```
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        final ImageView imageView = findViewById(R.id.img);
        // 애니메이션 획득
        Animation anim = AnimationUtils. loadAnimation(this, R.anim. in);
        anim.setAnimationListener(new Animation.AnimationListener() {
            @Override
            public void onAnimationStart(Animation animation) {}
            @Override
            public void onAnimationEnd(Animation animation) {
                Animation anim = AnimationUtils. loadAnimation(MainActivity.this, R.anim.move);
                anim.setFillAfter(true); 
                // 마지막 상황에서 멈추게. 안그러면 원상 복귀
                imageView.startAnimation(anim);
                                                                                     setFillAfter(boolean fillAfter)
                                                          void
                                                                                     If fill After is true, the transformation that this animation performed will persist when it is finished.
            @Override
            public void onAnimationRepeat(Animation animation) {}
```

Step 11 _ 실행



App resources https://developer.android.com/guide

