

스마트폰 프로그래밍

Assign #5

(제목 : Grid Adapter View)

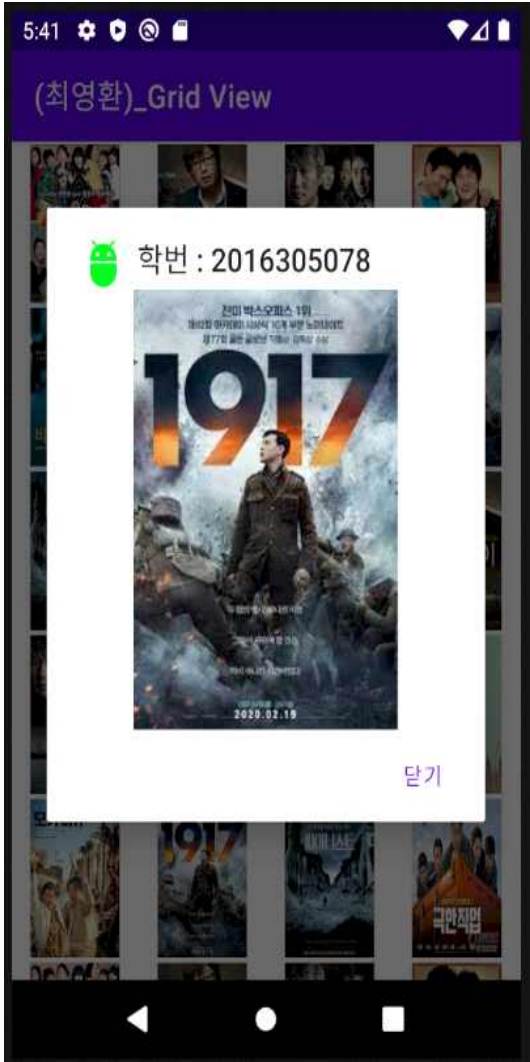
학번 : 2016305078

성명 : 최 영 환

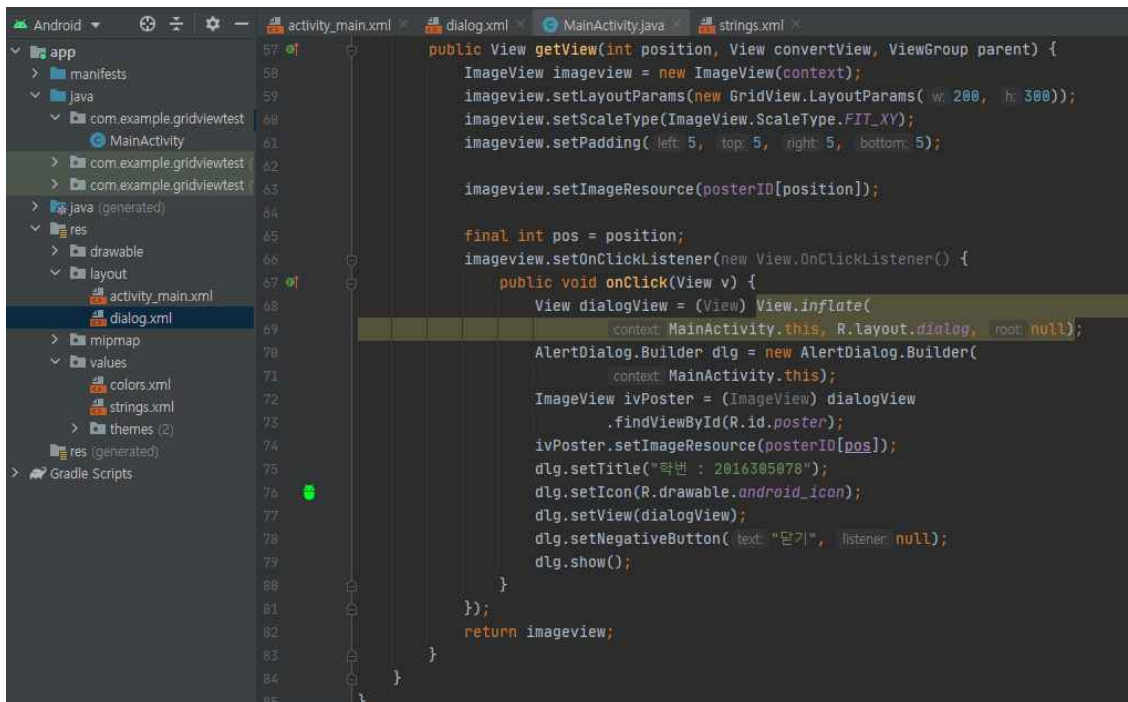
제출일자 : 2021.10.06.

본인은 타인이나 다른 매체를 도용하지 않았음을 확인합니다 <본인사인>

<실행화면>



[illegible]



```

package com.example.gridviewtest;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Context;
import android.os.Bundle;
import android.view.View;
import android.view.ViewGroup;
import android.widget.BaseAdapter;
import android.widget.GridView;
import android.widget.ImageView;
public class MainActivity extends AppCompatActivity {
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        GridView gv = (GridView) findViewById(R.id.gridView);
        MyGridAdapter gAdapter = new MyGridAdapter(this);
        gv.setAdapter(gAdapter);
    }
    public class MyGridAdapter extends BaseAdapter {
        Context context;
        public MyGridAdapter(Context c) {
            context = c;
        }

```

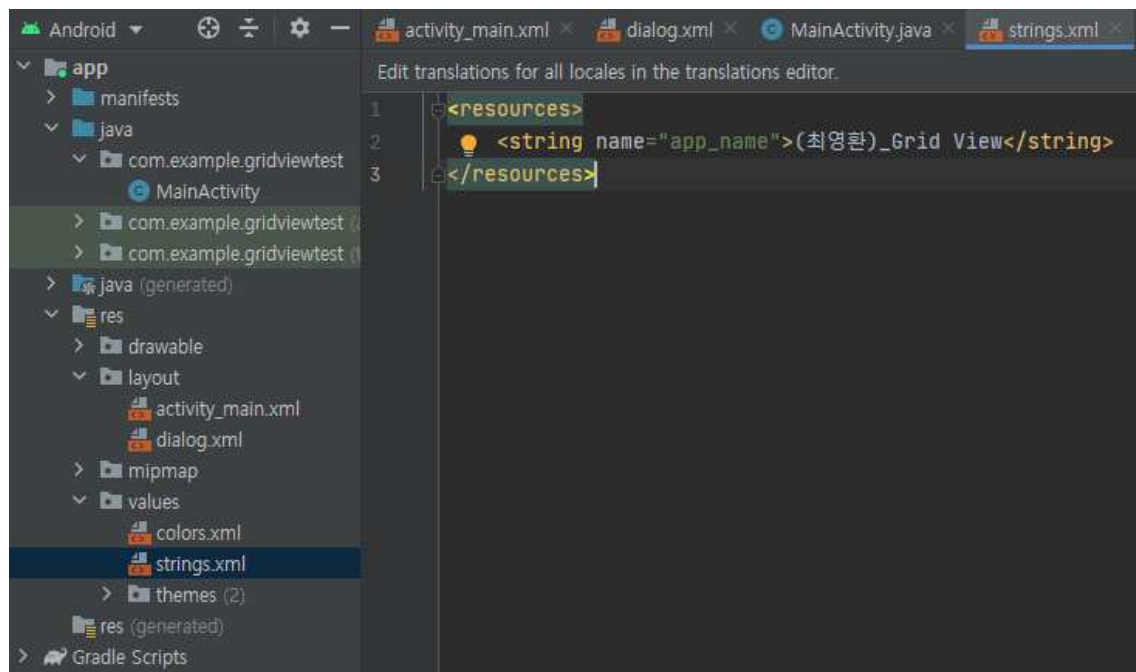
```

}
public int getCount() {
    return posterID.length;
}
public Object getItem(int position) {
    return null;
}
public long getItemId(int position) {
    return 0;
}
Integer[] posterID = { R.drawable.mov01, R.drawable.mov02,
    R.drawable.mov03, R.drawable.mov04, R.drawable.mov05,
    R.drawable.mov06, R.drawable.mov07, R.drawable.mov08,
    R.drawable.mov09, R.drawable.mov10, R.drawable.mov01,
    R.drawable.mov02, R.drawable.mov03, R.drawable.mov04,
    R.drawable.mov05, R.drawable.mov06, R.drawable.mov07,
    R.drawable.mov08, R.drawable.mov09, R.drawable.mov10,
    R.drawable.mov01, R.drawable.mov02, R.drawable.mov03,
    R.drawable.mov04, R.drawable.mov05, R.drawable.mov06,
    R.drawable.mov07, R.drawable.mov08, R.drawable.mov09,
    R.drawable.mov10 };
public View getView(int position, View convertView, ViewGroup parent) {
    ImageView imageview =new ImageView(context);
    imageview.setLayoutParams(new GridView.LayoutParams(200, 300));
    imageview.setScaleType(ImageView.ScaleType.FIT_XY);
    imageview.setPadding(5, 5, 5, 5);
    imageview.setImageResource(posterID[position]);
    final int pos = position;
    imageview.setOnClickListener(new View.OnClickListener() {
        public void onClick(View v) {
            View dialogView = (View) View.inflate(
                MainActivity.this, R.layout.dialog, null);
            AlertDialog.Builder dlg =new AlertDialog.Builder(
                MainActivity.this);
            ImageView ivPoster = (ImageView) dialogView
                .findViewById(R.id.poster);
            ivPoster.setImageResource(posterID[pos]);
            dlg.setTitle("학번 : 2016305078");
            dlg.setIcon(R.drawable.android_icon);
            dlg.setView(dialogView);
            dlg.setNegativeButton("닫기", null);
        }
    });
}

```

```
        dlg.show();
    }
});
return imageview;
}
}
```

<string.xml>

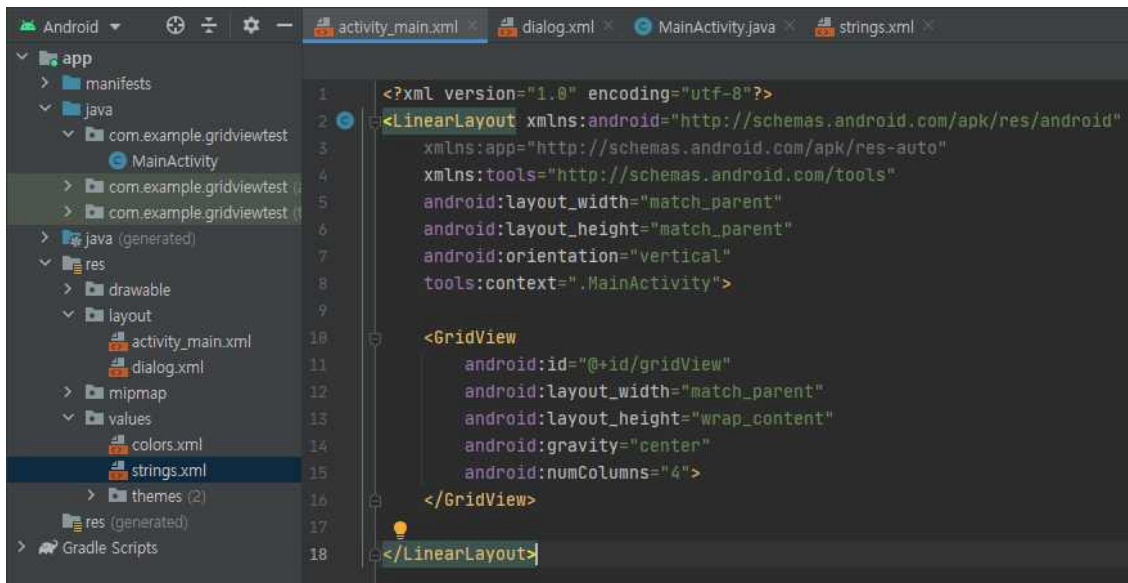


<resources>

 <string name="app_name">(최영환)_Grid View</string>

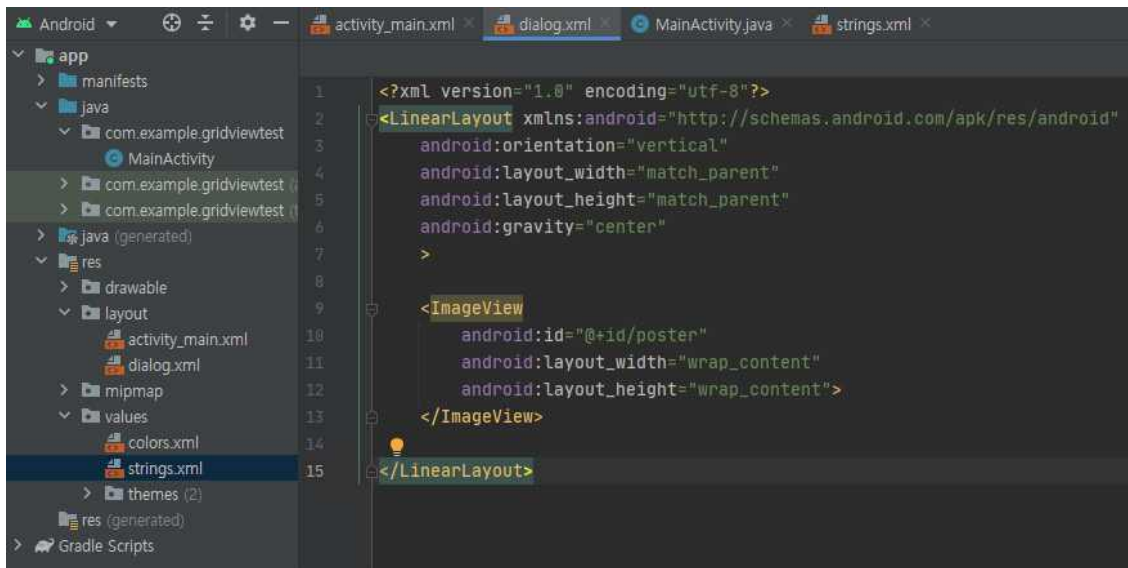
</resources>

<activity_main.xml>



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
  xmlns:app="http://schemas.android.com/apk/res-auto"
  xmlns:tools="http://schemas.android.com/tools"
  android:layout_width="match_parent"
  android:layout_height="match_parent"
  android:orientation="vertical"
  tools:context=".MainActivity">
    <GridView
      android:id="@+id/gridView"
      android:layout_width="match_parent"
      android:layout_height="wrap_content"
      android:gravity="center"
      android:numColumns="4">
    </GridView>
</LinearLayout>
```


<dialog.xml>



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    >
    <ImageView
        android:id="@+id/poster"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">
        </ImageView>
    </LinearLayout>
```