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ITMD 455

Homework 3

Screenshots

4G 5:16

Homework4



Superman and the Mole Men

Year: 1951



Stamp Day for Superman

Year: 1954



Batman

Year: 1966



Superman

Year: 1978



Homework4



Year: 1954



The Return of Swamp Thing

Year: 1989



Batman

Year: 1989



Batman Returns

Year: 1992



XML(Main)

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
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"
    tools:context="com.example.bailey.homework4.MainActivity">

    <ListView
        android:id="@+id/listView"
        android:layout_width="wrap_content"
        android:layout_height="0dp"
        android:divider="@android:color/black"
        android:dividerHeight="2dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0"
        tools:layout_constraintBottom_creator="1"
        tools:layout_constraintRight_creator="1"
        tools:layout_constraintTop_creator="1" />
</android.support.constraint.ConstraintLayout>
```

XML(ListView)

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:background="@color/background"
    android:paddingBottom="20dp">

    <ImageView
        android:id="@+id/imageView_movie"
        android:layout_width="120dp"
        android:layout_height="120dp"
        app:srcCompat="@mipmap/ic_launcher"
        tools:layout_conversion_absoluteHeight="60dp"
        tools:layout_conversion_absoluteWidth="60dp"
        tools:layout_conversion_absoluteX="0dp"
        tools:layout_conversion_absoluteY="0dp" />

    <TextView
        android:id="@+id/textView_name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_marginStart="27dp"
        android:layout_marginTop="17dp"
        android:layout_toEndOf="@+id/imageView_movie"
        android:text="TextView"
        android:textAlignment="viewStart"
        android:textSize="18sp"
        android:textStyle="bold">
```

```

        tools:layout_conversion_absoluteHeight="16dp"
        tools:layout_conversion_absoluteWidth="324dp"
        tools:layout_conversion_absoluteX="60dp"
        tools:layout_conversion_absoluteY="0dp" />

        <TextView
            android:id="@+id/textView_description"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_alignStart="@+id/textView_name"
            android:layout_below="@+id/textView_name"
            android:layout_marginTop="16dp"
            android:text="TextView"
            android:textAlignment="viewStart"
            android:textSize="18sp"
            android:textStyle="bold" />
    </RelativeLayout>

```

XML(Colors)

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#3F51B5</color>
    <color name="colorPrimaryDark">#303F9F</color>
    <color name="colorAccent">#FF4081</color>
    <color name="background">#a5dded</color>
</resources>

```

Java(Main)

```

package com.example.bailey.homework4;

import android.app.Activity;
import android.app.ListActivity;
import android.support.constraint.ConstraintLayout;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.ListView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        ListView listView;

        final String[] movienames = {"Superman and the Mole Men", "Stamp Day for
Superman", "Batman",
        "Superman", "Superman II", "Swamp Thing", "Superman
III", "Supergirl", "Superman IV: The Quest for Peace",
        "The Return of Swamp Thing", "Batman", "Batman Returns", "Batman
Forever", "Batman & Robin",

```

```

        "Steel", "Catwoman", "Constantine", "Batman Begins", "V for Vendetta",
"Superman Returns",
        "Superman II: The Richard Donner Cut", "The Dark Knight", "Watchmen",
"The Losers",
        "Jonah Hex", "Green Lantern", "The Dark Knight Rises", "Man of Steel",
"Batman v Superman: Dawn of Justice",
        "Suicide Squad", "Wonder Woman"
    };

    final Integer[] imgid= {R.drawable.supermanmolemen,
R.drawable.stamp_day_for_superman, R.drawable.batman1966poster,
        R.drawable.superman_ver1, R.drawable.superman_ii,
R.drawable.swampthing, R.drawable.superman_iii_poster,
        R.drawable.supergirlposter, R.drawable.superman_iv,
R.drawable.returnofswampthing, R.drawable.batman_1989_theatrical_poster,
        R.drawable.batman_returns_poster2, R.drawable.batman_forever_ver7,
R.drawable.batman_robin_poster,R.drawable.steelposter,
        R.drawable.catwoman_poster, R.drawable.constantine_poster,
R.drawable.batman_begins_poster, R.drawable.vforvendettamov,
        R.drawable.superman_returns, R.drawable.supermaniiricharddonnercut,
R.drawable.dark_knight,
        R.drawable.watchmen_film_poster, R.drawable.thelosers2010poster
,R.drawable.jonahhexposter,
        R.drawable.green_lantern_poster, R.drawable.dark_knight_rises_poster,
R.drawable.manofsteelfinalposter,
        R.drawable.batman_v_superman_poster, R.drawable.suicide_squad_poster,
R.drawable.wonder_woman_film
    };

    final String[] moviedescription = {"Year: 1951",
        "Year: 1954",
        "Year: 1966",
        "Year: 1978",
        "Year: 1980",
        "Year: 1982",
        "Year: 1983",
        "Year: 1987",
        "Year: 1954",
        "Year: 1989",
        "Year: 1989",
        "Year: 1992",
        "Year: 1995",
        "Year: 1997",
        "Year: 1997",
        "Year: 2004",
        "Year: 2005",
        "Year: 2005",
        "Year: 2006",
        "Year: 2006",
        "Year: 2008",
        "Year: 2009",
        "Year: 2010",
        "Year: 2010",
        "Year: 2011",
        "Year: 2012",
        "Year: 2013",
        "Year: 2016",
        "Year: 2016",
        "Year: 2017"
    };

    CustomAdapter adapter = new CustomAdapter(this, movienames,
        imgid, moviedescription);

```

```

        listView = (ListView) findViewById (R.id.listView);
        listView.setAdapter(adapter);
    }
}

```

Java(CustomAdapter)

```

package com.example.bailey.homework4;

import android.app.Activity;
import android.support.annotation.NonNull;
import android.support.annotation.Nullable;
import android.view.View;
import android.widget.ArrayAdapter;
import android.view.ViewGroup;
import android.view.LayoutInflater;
import android.widget.ImageView;
import android.widget.TextView;

/**
 * Created by baile on 9/26/2017.
 */

public class CustomAdapter extends ArrayAdapter<String> {
    private final Activity context;
    private final String[] moviename;
    private final Integer[] imgid;
    private final String[] moviedescription;

    public CustomAdapter(Activity context, String[] moviename, Integer[] imgid,
String[] moviedescription) {

        //ArrayAdapter(Context context, int resource, T[] objects)
        super(context, R.layout.listview, moviedescription);
        this.context = context;
        this.moviename = moviename;
        this.imgid = imgid;
        this.moviedescription = moviedescription;
    }

    @NonNull
    @Override
    public View getView(int position, @Nullable View rowView, @NonNull ViewGroup
parent) {

        LayoutInflater inflater = context.getLayoutInflater();

        //inflate(int resource, ViewGroup root, boolean attachToRoot)
        rowView = inflater.inflate(R.layout.listview,
            null, true);

        ImageView imageView = (ImageView)
(rowView.findViewById(R.id.imageView_movie));
        TextView textView_name = (TextView)
(rowView.findViewById(R.id.textView_name));
        TextView textView_description = (TextView)

```

```
(rowView.findViewById(R.id.textView_description));  
  
    imageView.setImageResource(imgid[position]);  
    textView_name.setText(moviename[position]);  
    textView_description.setText(moviedescription[position]);  
    return rowView;  
}  
}
```