

TUTORIAL PEMBUATAN PROJECT APLIKASI

PEMOGRAMAN MOBILE 1



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❖ Tugas 1

Buatkanlah :

1. Launcher Splash logo masing-masing Individu

2. Buatkanlah untuk menampilkan semua project sebelum UTS dengan metode Ekplisit Intent dan

Implisit Intent:

a. Project Hallo

b. Project Count

c. Project Sianida

d. Project TwoActivity

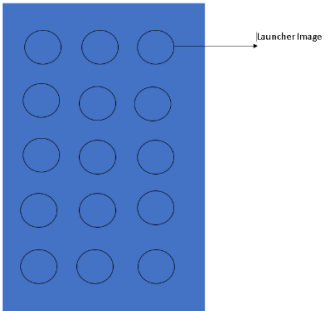
e. Project Set Alarm

Untuk tampilan Layout Bebas, terima kasih.

❖ Tugas 2

Tugas pertemuan ke-10

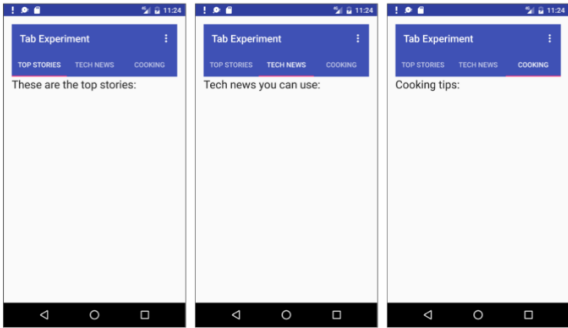
Buatlah tampilan menu Versi 02 dari project-project yang sudah dibuat sebelumnya
dengan tampilan sebagai berikut :



❖ Tugas 3

Tugas pertemuan ke-12

Buatlah fragment menu dengan tema Genre Film (Action, Komedi dan Romance)
tampilan bisa berisi sinopsis film dan gambar dari film tersebut
contoh seperti ini :



❖ Penjelasan & Hasil Program Tugas 1

❖ Launcher Splash Logo

Pertama, yaitu membuat Launcher Splash Logo atau menampilkan logo / icon saat kita pertama kali membuka aplikasi.

Caranya adalah :

- Persiapkan gambar terlebih dahulu
- Selanjutnya kita klik `app`, lalu klik `res` dan setelahnya kita pilih dan klik `mipmap`
- Setelah itu klik kanan pada bagian `mipmap`, lalu pilih `new`
- Lalu pilih dan klik `Image Asset`
- Lalu ketika sudah terbuka, kita klik bagian `Icon Type` lalu pilih yang `Launcher Icons (Adaptive and Legacy)`
- Lalu pada bagian `Path` kita klik logo file lalu kita pilih dan klik file gambar yang telah disiapkan sebelumnya dan klik `OK`
- Lalu untuk ukuran logo / ikon bisa kita atur pada bagian `Resize`, Jika sudah kita klik `Next`
- Setelah itu kita klik `Finish`, Maka logo / ikon aplikasi kita akan berubah sesuai gambar yang kita inginkan

Untuk menambahkan file gambar seperti untuk SplashScreen, Background di setiap project kita bisa klik bagian `Resource Manager` lalu kita klik tanda `+`. Setelah itu kita pilih dan klik `Import Drawables`, setelah itu kita pilih dan klik file gambar yang sudah kita siapkan lalu klik `OK`. Maka gambar akan tersedia di `res` pada `drawable`.

- Lalu buka `backgroundlauncher.xml` dan masukkan code ini :

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<layer-list xmlns:android="http://schemas.android.com/apk/res/android">
```

```
    <item android:drawable="@color/purple"/>
```

```

<item>

    <bitmap

        android:src="@drawable/logo"

        android:gravity="center" />

    </item>

</layer-list>

...

> Untuk Warna bisa kita sesuaikan dengan Logo yang telah kita tambahkan
tadi

- Lalu, buka `themes.xml` yang letaknya ada di `*res/values/themes*`, dan
tambahkan code ini didalam resourcesnya :

...

<resources xmlns:tools="http://schemas.android.com/tools">

    <!-- Base application theme. -->

    <style name="SplashScreen"
parent="Theme.MaterialComponents.DayNight.NoActionBar">

        <item name="android:windowBackground">@drawable/bg2</item>

        <item name="android:statusBarColor">?attr/colorOnPrimary</item>

    </style>

</resources>

...

```

- Selanjutnya kita buat java class nya agar SplashScreen bisa berjalan, lalu pada `**SplashScreen.java**` kita masukkan code dibawah ini :

...

```
package com.projectzulaeha;

import android.content.Intent;

import android.os.Bundle;

import android.os.Handler;

import androidx.appcompat.app.AppCompatActivity;

public class SplashScreen extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        new Handler().postDelayed(new Runnable() {

            @Override

            public void run() {

                startActivity(new Intent(SplashScreen.this, MainActivity.class));

                finish();

            }

        }, 2500);

    }

}
```

```
}
```

```
...
```

> Code di atas digukankan untuk menampilkan SplashScreen, ketika SplashScreen selesai dalam 2.5 detik maka akan langsung berpindah pada tampilan `MainActivity.java`.

- Buka `AndroidManifest.xml`, dan tambahkan code berikut didalam `*application*` :

```
...
```

```
<activity
```

```
    android:name=".SplashScreen"
```

```
    android:exported="true"
```

```
    android:theme="@style/SplashScreen">
```

```
    <intent-filter>
```

```
        <action android:name="android.intent.action.MAIN" />
```

```
        <category android:name="android.intent.category.LAUNCHER" />
```

```
    </intent-filter>
```

```
</activity>
```

```
...
```

Selesai sudah kita membuat perintah Launcher Splash Logo, Selanjutnya kita akan ke tahap berikutnya yaitu membuat menu untuk menampilkan semua project yang sudah dibuat pada pertemuan sebelumnya.

❖ Menu Utama

Yang kedua, disini kita akan membuat menu utamanya yang akan berjalan setelah SplashScreen Logo.

Caranya adalah:

Jika awal pembuatan project kita memilih template **Empty Views Activity**, maka pada layout otomatis terbuat file **activity_main.xml** dan pada java akan ada **MainActivity.java**.

Maka langsung saja kita buka **activity_main.xml**, dan buat code seperti berikut ini:

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
xmlns:android="http://schemas.android.com/apk/res/android"
```

```
xmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="match_parent"
```

```
tools:context=".MainActivity">
```

```
<ImageView
```

```
android:id="@+id/background"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="match_parent"
```

```
android:background="@drawable/bgungu"
```



```
        android:adjustViewBounds="true"

        android:scaleType="centerCrop"/>

<TextView

    android:id="@+id/txtJudul"

    android:layout_width="match_parent"

    android:layout_height="68dp"

    android:layout_alignParentTop="true"

    android:layout_alignParentBottom="true"

    android:layout_marginTop="46dp"

    android:layout_marginBottom="569dp"

    android:gravity="center"

    android:scaleType="centerCrop"

    android:text="Please select and click on the project below"

    android:textColor="@color/black"

    android:textSize="25dp"

    android:textStyle="bold" />

<Button

    android:id="@+id/btnHelloWorld"

    android:layout_width="150dp"

    android:layout_height="60dp"
```

```
        android:layout_alignParentStart="true"

        android:layout_alignParentTop="true"

        android:layout_alignParentEnd="true"

        android:layout_marginStart="100dp"

        android:layout_marginTop="200dp"

        android:layout_marginEnd="100dp"

        android:onClick="btnHelloWorld"

        android:background="@color/cream"

        android:text="Hello World"

        tools:ignore="UsingOnClickInXml"

        android:scaleType="centerCrop"/>

<Button

        android:id="@+id/btnProjectCount"

        android:layout_width="150dp"

        android:layout_height="60dp"

        android:layout_below="@+id/btnHelloWorld"

        android:layout_alignParentStart="true"

        android:layout_alignParentEnd="true"

        android:layout_marginStart="100dp"

        android:layout_marginTop="20dp"
```

```
        android:layout_marginEnd="100dp"

        android:onClick="btnCount"

        android:background="@color/soft"

        android:text="Count"

        tools:ignore="UsingOnClickInXml"

        android:scaleType="centerCrop"/>
<Button

        android:id="@+id/btnProjectSianida"

        android:layout_width="150dp"

        android:layout_height="60dp"

        android:layout_below="@+id/btnProjectCount"

        android:layout_alignParentStart="true"

        android:layout_alignParentEnd="true"

        android:layout_marginStart="100dp"

        android:layout_marginTop="20dp"

        android:layout_marginEnd="100dp"

        android:onClick="btnSianida"

        android:background="@color/abu"

        android:scaleType="centerCrop"

        android:text="Scroll Movie"
```

```
tools:ignore="UsingOnClickInXml" />

<Button

    android:id="@+id/btnTwoActivity"

    android:layout_width="150dp"

    android:layout_height="60dp"

    android:layout_below="@+id/btnProjectSianida"

    android:layout_alignParentEnd="true"

    android:layout_alignParentStart="true"

    android:layout_marginTop="20dp"

    android:layout_marginEnd="100dp"

    android:layout_marginStart="100dp"

    android:onClick="btnTwoActivity"

    android:background="@color/hijaumuda"

    android:text="Two Activity"

    tools:ignore="UsingOnClickInXml"

    android:scaleType="centerCrop"/>
```

```
<Button

    android:id="@+id/btnSetAlarm"

    android:layout_width="150dp"

    android:layout_height="60dp"
```

```
        android:layout_below="@+id/btnTwoActivity"

        android:layout_alignParentStart="true"

        android:layout_alignParentEnd="true"

        android:layout_marginStart="100dp"

        android:layout_marginTop="20dp"

        android:layout_marginEnd="100dp"

        android:onClick="btnSetAlarm"

        android:background="@color/tosca"

        android:text="Set Alarm"

        tools:ignore="UsingOnClickInXml"

        android:scaleType="centerCrop"/>

</RelativeLayout>
```

...

- Setelah itu kita buka `MainActivity.java` untuk menambahkan code intent untuk masing-masing tombol :

...

```
package com.projectzulaeha;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;
```

```
public class MainActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        findViewById(R.id.btnSetAlarm).setOnClickListener(new
View.OnClickListener() {

            @Override

            public void onClick(View v) {

                // Panggil metode untuk mengatur alarm

                setAlarm();

            }

        });

    }

    private void setAlarm() {

        Intent alarm = new
Intent(android.provider.AlarmClock.ACTION_SET_ALARM);

        startActivity(alarm);

    }

    public void btnHelloWorld(View view) {

        Intent helloworld = new Intent(MainActivity.this, HelloActivity.class);
```

```

        startActivity(helloworld);

    }

    public void btnCount(View view) {

        Intent count = new Intent(MainActivity.this, CountActivity.class);

        startActivity(count);

    }

    public void btnSianida(View view) {

        Intent sianida = new Intent(MainActivity.this, SianidaActivity.class);

        startActivity(sianida);

    }

    public void btnTwoActivity(View view) {

        Intent twoact = new Intent(MainActivity.this, TwoActivity.class);

        startActivity(twoact);

    }

}

...

```

> Button *HelloWorld, Count, Sianida dan TwoActivity* menggunakan **Explicit Intent**, dan project *SetAlarm* menggunakan **Implicit Intent**.

> Menu halaman utama dan tombol-tombol aplikasi sudah berhasil dibuat. Maka selanjutnya yang kita lakukan adalah menambahkan coding pada **`AndroidManifest.xml`** agar aplikasi dapat berjalan.

❖ AndroidManifest.xml

Didalam `AndroidManifest.xml` kita tambahkan semua java class dari semua project kita sebelumnya. Berikut nama java class dari berbagai project yang telah saya buat:

- a. Project Hello World = HelloActivity.java
- b. Project Count = CountActivity.java
- c. Project Scroll Movie = SianidaActivity.java
- d. Project TwoActivity = TwoActivity.java dan Two2Activity.java
- e. Project Set Alarm = MainActivity.java (karena merupakan Implicit Intent, jadi code untuk set alarm langsung dibuat disini)

...

```
<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <uses-permission
        android:name="com.android.alarm.permission.SET_ALARM" />

    <application
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
```



```
    android:icon="@mipmap/ic_launcher"

    android:label="@string/app_name"

    android:roundIcon="@mipmap/ic_launcher_round"

    android:supportsRtl="true"

    android:theme="@style/Theme.Design.Light"

    tools:targetApi="31">

    <activity

        android:name=".MainActivity"

        android:exported="true">

        <intent-filter>

            <action android:name="android.intent.action.SET_ALARM" />

            <category android:name="android.intent.category.DEFAULT" />

        </intent-filter>

    </activity>

    <activity

        android:name=".HelloActivity"

        android:exported="true" />

    <activity

        android:name=".TwoActivity"

        android:exported="true" />
```

```
<activity

    android:name=".Two2Activity"

    android:exported="true" />

<activity

    android:name=".CountActivity"

    android:exported="true" />

<activity

    android:name=".SianidaActivity"

    android:exported="true" />

<activity

    android:name=".SplashScreen"

    android:exported="true"

    android:theme="@style/SplashScreen">

    <intent-filter>

        <action android:name="android.intent.action.MAIN" />

        <category android:name="android.intent.category.LAUNCHER" />

    </intent-filter>

</activity>

</application>

</manifest>
```

...

❖ . Code All Projects (Strings, Colors dan Dimens)

``Strings.xml``

...

`<resources>`

`<string name="app_name">ProjectZulaeha</string>`

`<string name="Hello_World">Hello World</string>`

`<string name="button_main">Send</string>`

`<string name="editText_main">Enter Your Message Here</string>`

`<string name="text_header">Message Received</string>`

`<string name="butttton_second">Reply</string>`

`<string name="editText_second">Enter Your Reply Here</string>`

`<string name="text_header_reply">Reply Received</string>`

`<string name="button_label_toast">Toast</string>`

`<string name="button_label_count">Count</string>`

`<string name="count_initial_value">1</string>`

`<string name="toast_message">Hello Toast!</string>`

`<string name="button_label_restart">Restart</string>`

`<string name="enter_fibonacci_limit">Masukkan Angka Limit</string>`

`<string name="article_title"> Kasus Sianida</string>`

<string name="article_subtitle">ICE COLD!</string>

<string name="article_text"> Film dokumenter Ice Cold: Murder, Coffee and Jessica Wongso memaparkan pertanyaan tak terjawab tentang persidangan yang dilalui Jessica Wongso. Dengan menyajikan perspektif baru, film ini hadir bertahun-tahun setelah kematian sahabat Jessica, Wayan Mirna Salihin.

Film ini menggambarkan bagaimana Jessica yang mengajak teman-temannya, termasuk Mirna, untuk bertemu setelah sekian lama tak berjumpa. Pertemuan di salah satu kafe di mal ibu kota tersebut pun berlangsung lancar, sebelum akhirnya Mirna pingsan sesaat setelah meminum kopi yang sebelumnya dipesan Jessica. Dokumenter ini turut menyajikan rekaman CCTV pada waktu kejadian, berbagai footage berita saat persidangan berlangsung, hingga wawancara eksklusif dengan beberapa sumber, termasuk Jessica Wongso.

Persidangan atas dugaan pembunuhan Mirna Salihin digelar lima bulan setelah kematiannya. Sidang tersebut melalui 32 kali persidangan dengan menghadirkan puluhan saksi di pengadilan. Hasilnya, Jessica Wongso divonis bersalah atas kematian Mirna dan dijatuhi hukuman 20 tahun penjara.

Kasus yang berjalan cukup lama tersebut menyita banyak perhatian dari masyarakat Indonesia. Musababnya, banyak misteri tak terjawab selama rangkaian persidangan yang panjang tersebut. Salah satunya adalah mengenai akses untuk mendapatkan bubuk sianida yang tidak bisa didapatkan oleh orang sembarangan. Selain itu, motif Jessica di balik pembunuhan tersebut pun belum menemukan jawabannya.

Film dokumenter buatan Netflix ini menyoroti rangkaian persidangan yang saat itu menjadi sidang pertama yang disiarkan secara langsung di berbagai

stasiun televisi Indonesia. Selain itu, kasus ini juga diliput secara intens oleh media massa, baik nasional maupun internasional. Tak hanya itu, pihak rumah produksi Beach House Pictures juga berhasil mendapatkan akses untuk mewawancarai Jessica Wongso secara langsung dari balik tahanan. Dalam video trailer yang diluncurkannya, ditampilkan juga sejumlah wawancara eksklusif yang dilakukan dengan beberapa narasumber. Mulai dari ayah dan saudara kembar Mirna Salihin, pengacara Jessica Wongso, jurnalis yang mendalami kasus tersebut, hingga bagaimana saat itu kasus ini begitu ramai diberitakan oleh media massa Indonesia dan internasional.</string>

</resources>

...

`Colors.xml`

...

<?xml version="1.0" encoding="utf-8"?>

<resources>

<color name="black">#FF000000</color>

<color name="white">#FFFFFFFF</color>

<color name="blue">#3700B3</color>

<color name="pink">#FFC0CB</color>

<color name="colorPrimary">#3F5185</color>

<color name="colorPrimaryDark">#303F9F</color>

<color name="colorAccent">#FF4081</color>

<color name="salem">#F8C6E6</color>

<color name="purple">#E3A2ED</color>

<color name="biru">#8FC2EA</color>

<color name="hijaumuda">#C2E69C</color>

<color name="cream">#E6C18A</color>

<color name="coklat">#65362c</color>

<color name="abu">#B0B0B2</color>

<color name="tosca">#70AE98</color>

<color name="soft">#AED9EA</color>

<color name="pastel">#5E96AE</color>

</resources>

...

, `Dimens.xml`

...

<?xml version="1.0" encoding="utf-8"?>

<resources>

<dimen name="padding_regular">10dp</dimen>

<dimen name="line_spacing">5sp</dimen>

```
</resources>
```

```
...
```

A. Code Project Hello World

```
`activity_hello.xml`
```

```
...
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<androidx.constraintlayout.widget.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=".HelloActivity">
```

```
<ImageView
```

```
android:id="@+id/background"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="match_parent"
```

```
android:background="@drawable/bgcream"
```

```
android:adjustViewBounds="true"
```

```
android:scaleType="centerCrop"/>
```

```
<TextView

    android:id="@+id/txthello"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:gravity="center"

    android:text="Hello World"

    android:textColor="@color/coklat"

    android:textSize="20pt"

    android:textStyle="bold"

    app:layout_constraintBottom_toBottomOf="parent"

    app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintHorizontal_bias="0.503"

    app:layout_constraintStart_toStartOf="parent"

    app:layout_constraintTop_toTopOf="parent"

    app:layout_constraintVertical_bias="0.413"

    tools:ignore="TextSizeCheck" />

</androidx.constraintlayout.widget.ConstraintLayout>

...

```

``HelloActivity.java``


```

...

package com.projectzulaeha;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class HelloActivity extends AppCompatActivity{

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_hello);

    }

}

...

```

B. Code Project Count

```

`activity_count.xml`

...

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.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:ignore="ExtraText"
```

```
tools:context=".CountActivity">
```

```
<ImageView
```

```
    android:id="@+id/background"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    android:background="@drawable/bgbiru"
```

```
    android:adjustViewBounds="true"
```

```
    android:scaleType="centerCrop" />
```

```
<Button
```

```
    android:id="@+id/button_limit"
```

```
    android:layout_width="354dp"
```

```
    android:layout_height="76dp"
```

```
    android:layout_marginStart="8dp"
```

```
    android:layout_marginTop="16dp"
```

```
    android:layout_marginEnd="8dp"
```

```
    android:background="@color/pastel"
```

android:onClick="setLimit"

android:text="Masukkan Angka Limit"

android:textColor="@android:color/black"

app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintHorizontal_bias="0.507"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toTopOf="parent"

tools:ignore="UsingOnClickInXml,VisualLintButtonSize" />

<Button

android:id="@+id/button_count"

android:layout_width="173dp"

android:layout_height="70dp"

android:layout_marginStart="8dp"

android:layout_marginEnd="8dp"

android:layout_marginBottom="24dp"

android:background="@color/pastel"

android:onClick="countUp"

android:text="Count"

android:textColor="@android:color/black"

app:layout_constraintBottom_toBottomOf="parent"

```
app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintHorizontal_bias="0.039"

app:layout_constraintStart_toStartOf="parent"

tools:ignore="UsingOnClickInXml,VisualLintButtonSize" />

<Button

    android:id="@+id/button_restart"

    android:layout_width="173dp"

    android:layout_height="72dp"

    android:layout_marginStart="8dp"

    android:layout_marginEnd="8dp"

    android:layout_marginBottom="24dp"

    android:background="@color/pastel"

    android:onClick="back1"

    android:text="Restart"

    android:textColor="@android:color/black"

    app:layout_constraintBottom_toBottomOf="parent"

    app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintHorizontal_bias="0.965"

    app:layout_constraintStart_toStartOf="parent"

    tools:ignore="UsingOnClickInXml" />
```

```
<TextView

    android:id="@+id/show_count"

    android:layout_width="305dp"

    android:layout_height="442dp"

    android:layout_marginTop="8dp"

    android:layout_marginEnd="8dp"

    android:layout_marginBottom="8dp"

    android:gravity="center_vertical"

    android:text="1"

    android:textAlignment="center"

    android:textColor="@color/colorAccent"

    android:textSize="160sp"

    android:textStyle="bold"

    app:layout_constraintBottom_toTopOf="@id/button_count"

    app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintHorizontal_bias="0.505"

    app:layout_constraintStart_toStartOf="parent"

    app:layout_constraintTop_toBottomOf="@id/button_limit"

    app:layout_constraintVertical_bias="0.51"

    tools:ignore="RtlCompat" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
...
```

```
`CountActivity.java`
```

```
...
```

```
package com.projectzulaeha;
```

```
import android.app.AlertDialog;
```

```
import android.content.DialogInterface;
```

```
import android.graphics.Color;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import android.widget.EditText;
```

```
import android.widget.TextView;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
public class CountActivity extends AppCompatActivity {
```

```
    private TextView show_count;
```

```
    private int count = 1;
```

```
    private long fibNMinus1 = 1;
```

```
    private long fibNMinus2 = 1;
```

```
    private int limit = -1; // Inisialisasi limit dengan nilai default
```

@Override

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_count);
```

```
    show_count = findViewById(R.id.show_count);
```

```
}
```

```
public void countUp(View view) {
```

```
    if (count == 0) {
```

```
        show_count.setText("0");
```

```
    }
```

```
    else if (count == 1) {
```

```
        show_count.setText("1");
```

```
    }
```

```
    else {
```

```
        if (limit != -1 && count > limit) {
```

```
            // Jika count melebihi limit, atur ulang perhitungan
```

```
            count = 0;
```

```
            fibNMinus1 = 1;
```

```
            fibNMinus2 = 0;
```

```
            show_count.setText(getString(R.string.count_initial_value));
```

```
}
```

```
else {
```

```
    long fibCurrent = fibNMinus1 + fibNMinus2;
```

```
    fibNMinus2 = fibNMinus1;
```

```
    fibNMinus1 = fibCurrent;
```

```
    //Mengatur warna teks berdasarkan angka Fibonacci
```

```
    int colorResId = R.color.colorAccent; // Warna Default
```

```
    switch (count % 11) {
```

```
        case 1:
```

```
            colorResId = R.color.colorAccent; // Warna Pink Tua
```

```
            break;
```

```
        case 2:
```

```
            colorResId = R.color.hijaumuda; // Warna Hijau Muda
```

```
            break;
```

```
        case 3:
```

```
            colorResId = R.color.purple; // Warna Ungu
```

```
            break;
```

```
        case 4:
```

```
            colorResId = R.color.salem; // Warna Salem
```

```
            break;
```


case 5:

```
colorResId = R.color.birumuda; // Warna Biru Muda
```

```
break;
```

case 6 :

```
colorResId = R.color.kuning; // Warna Kuning
```

```
break;
```

case 7:

```
colorResId = R.color.hijau; // Warna Hijau
```

```
break;
```

case 8:

```
colorResId = R.color.cream; // Warna Cream
```

```
break;
```

case 9:

```
colorResId = R.color.pink; // Warna Pink
```

```
break;
```

case 10:

```
colorResId = R.color.biru; // Warna Biru
```

```
break;
```

case 11:

```
colorResId = R.color.orange; // Warna Orange
```

```
        break;

    }

    show_count.setTextColor(getResources().getColor(colorResId));

    show_count.setText(String.valueOf(fibCurrent));

    }

    }

    count++;

}

public void back1(View view) {

    count = 1;

    fibNMinus1 = 1;

    fibNMinus2 = 0;

    show_count.setText(getString(R.string.count_initial_value));

}

public void setLimit(View view) {

    // Create and display a dialog to set the limit

    AlertDialog.Builder builder = new AlertDialog.Builder(this);

    builder.setTitle("Set Limit");

    final EditText input = new EditText(this);

    input.setInputType(android.text.InputType.TYPE_CLASS_NUMBER);
```

```

        builder.setView(input);

        builder.setPositiveButton("OK", new
DialogInterface.OnClickListener() {

            @Override

            public void onClick(DialogInterface dialog, int which) {

                // Get the limit from the input and set it for calculations

                String limitStr = input.getText().toString();

                limit = Integer.parseInt(limitStr);

            }

        });

        builder.setNegativeButton("Cancel", new
DialogInterface.OnClickListener() {

            @Override

            public void onClick(DialogInterface dialog, int which) {

                dialog.cancel();

            }

        });

        builder.show();

    }

}

...

```

C. Code Project Scroll Movie

`activity_scrollmovie.xml`

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    xmlns:tools="http://schemas.android.com/tools"
```

```
    tools:context=".SianidaActivity">
```

```
    <TextView
```

```
        android:id="@+id/article_heading"
```

```
        android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content"
```

```
        android:background="@color/abu"
```

```
        android:padding="@dimen/padding_regular"
```

```
        android:text="@string/article_title"
```

```
        android:textAppearance="@android:style/TextAppearance.DeviceDefault.Large"
```

```
android:textColor="@android:color/white"
```

```
android:textStyle="bold" />
```

```
<ScrollView
```

```
android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
```

```
android:layout_below="@id/article_heading">
```

```
<LinearLayout
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```

```
android:orientation="vertical">
```

```
<TextView
```

```
android:id="@+id/article_subheading"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```

```
android:padding="@dimen/padding_regular"
```

```
android:text="@string/article_subtitle"
```

```
android:textAlignment="center"
```

```
android:textAppearance="@android:style/TextAppearance.DeviceDefault"
```

```
android:textColor="#1AA0C1" />
```

```
<TextView  
  
    android:id="@+id/article"  
  
    android:layout_width="wrap_content"  
  
    android:layout_height="wrap_content"  
  
    android:autoLink="web"  
  
    android:lineSpacingExtra="@dimen/line_spacing"  
  
    android:padding="@dimen/padding_regular"  
  
    android:text="@string/article_text"  
  
    tools:ignore="VisualLintLongText" />
```

```
</LinearLayout>
```

```
</ScrollView>
```

```
</RelativeLayout>
```

```
...
```

```
`SianidaActivity.java`
```

```
...
```

```
package com.projectzulaeha;
```

```
import android.os.Bundle;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
public class SianidaActivity extends AppCompatActivity {
```

```

@Override

protected void onCreate(Bundle savedInstanceState){

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_scrollmovie);

}

}

...

```

D. Code Project Two Activity

```

`activity_twoactivity.xml`

...

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    xmlns:tools="http://schemas.android.com/tools"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    tools:context=".TwoActivity">

```

<ImageView

```
    android:id="@+id/background"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:adjustViewBounds="true"
    android:scaleType="centerCrop"
    android:src="@drawable/bghijau" />
```

<TextView

```
    android:id="@+id/text_header_reply"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="8dp"
    android:layout_marginLeft="8dp"
    android:layout_marginTop="16dp"
    android:text="@string/text_header_reply"
```

```
    android:textAppearance="@style/TextAppearance.AppCompat.Medium"
```

```
    android:textStyle="bold"
```

```
    android:visibility="invisible"
```

```
    app:layout_constraintStart_toStartOf="parent"
```

```
    app:layout_constraintTop_toTopOf="parent"/>
```



```
<TextView
```

```
    android:id="@+id/text_message_reply"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginStart="8dp"
```

```
    android:layout_marginLeft="8dp"
```

```
    android:layout_marginTop="8dp"
```

```
    android:visibility="invisible"
```

```
    app:layout_constraintStart_toStartOf="parent"
```

```
    app:layout_constraintTop_toBottomOf="@+id/text_header_reply"
```

```
/>
```

```
<Button
```

```
    android:id="@+id/button_main"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginBottom="16dp"
```

```
    android:layout_marginRight="16dp"
```

```
    android:text="@string/button_main"
```

```
    android:background="@color/pink"
```

```
    android:onClick="LaunchSecondActivity"
```

```
    app:layout_constraintBottom_toBottomOf="parent"
```

```
        app:layout_constraintRight_toRightOf="parent"

        tools:ignore="UsingOnClickInXml"/>

<EditText

    android:id="@+id/editText_main"

    android:layout_width="0dp"

    android:layout_height="wrap_content"

    android:layout_marginStart="8dp"

    android:layout_marginEnd="8dp"

    android:layout_marginBottom="16dp"

    android:ems="10"

    android:hint="@string/editText_main"

    android:inputType="textLongMessage"

    android:minHeight="48dp"

    app:layout_constraintBottom_toBottomOf="parent"

    app:layout_constraintEnd_toStartOf="@+id/button_main"

    app:layout_constraintStart_toStartOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

...

```

`activity_twoact2.xml`

...

```
<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    xmlns:tools="http://schemas.android.com/tools"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    tools:context=".Two2Activity">

    <ImageView

        android:id="@+id/background"

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:adjustViewBounds="true"

        android:scaleType="centerCrop"

        android:src="@drawable/bghijau" />

    <TextView

        android:id="@+id/text_header"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"
```

android:layout_marginStart="8dp"

android:layout_marginLeft="8dp"

android:layout_marginTop="16dp"

android:text="@string/text_header"

android:textAppearance="@style/TextAppearance.AppCompat.Medium"

android:textStyle="bold"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toTopOf="parent" />

<TextView

android:id="@+id/text_message"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginStart="8dp"

android:layout_marginLeft="8dp"

android:layout_marginTop="8dp"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/text_header" />

<Button

android:id="@+id/button_second"

android:layout_width="wrap_content"

```
android:layout_height="wrap_content"

android:layout_marginBottom="16dp"

android:layout_marginRight="16dp"

android:text="@string/buttton_second"

android:onClick="returnReply"

android:background="@color/pink"

app:layout_constraintBottom_toBottomOf="parent"

app:layout_constraintRight_toRightOf="parent"

tools:ignore="UsingOnClickInXml" />
```

```
<EditText
```

```
    android:id="@+id/editText_second"

    android:layout_width="0dp"

    android:layout_height="wrap_content"

    android:layout_marginStart="8dp"

    android:layout_marginEnd="8dp"

    android:layout_marginBottom="16dp"

    android:ems="10"

    android:hint="@string/editText_second"

    android:inputType="textLongMessage"

    android:minHeight="48dp"
```

```
        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toStartOf="@+id/button_second"

        app:layout_constraintStart_toStartOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>

...

```

`TwoActivity.java`

```
...

package com.projectzulaeha;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.util.Log;

import android.view.View;

import android.widget.EditText;

import android.widget.TextView;

public class TwoActivity extends AppCompatActivity {

    private static final String LOG_TAG =
TwoActivity.class.getSimpleName();

    public static final String EXTRA_MESSAGE =
"com.example.android.Two2Activity.extra.MESSAGE";
}

```

```
public static final int TEXT_REQUEST = 1;

private EditText mMessageEditText;

private TextView mReplyHeadTextView;

private TextView mReplyTextView;

@Override

protected void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_twoactivity);

    mMessageEditText = findViewById(R.id.editText_main);

    mReplyHeadTextView = findViewById(R.id.text_header_reply);

    mReplyTextView = findViewById(R.id.text_message_reply);

}

public void LaunchSecondActivity(View view) {

    Log.d(LOG_TAG, "Button clicked!");

    Intent intent = new Intent(this, Two2Activity.class);

    String message = mMessageEditText.getText().toString();

    intent.putExtra(EXTRA_MESSAGE, message);

    startActivityForResult(intent, TEXT_REQUEST);

}

@Override
```

```

        public void onActivityResult(int requestCode, int resultCode, Intent
data) {

            super.onActivityResult(requestCode, resultCode, data);

            if (requestCode == TEXT_REQUEST) {

                if (resultCode == RESULT_OK) {

                    String reply = data.getStringExtra(Two2Activity.EXTRA_REPLY);

                    mReplyHeadTextView.setVisibility(View.VISIBLE);

                    mReplyTextView.setText(reply);

                    mReplyTextView.setVisibility(View.VISIBLE);

                }

            }

        }

    }

}

'''

```

Two2Activity.java

```

'''

package com.projectzulaeha;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

```



```
import android.widget.EditText;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class Two2Activity extends AppCompatActivity {

    public static final String EXTRA_REPLY
    ="com.example.android.Two2Activity.extra.REPLY";

    public static final String EXTRA_MESSAGE
    ="com.example.android.Two2Activity.extra.MESSAGE";

    private EditText mReply;

    @Override

    protected void onCreate(Bundle savedInstanceState){

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_twoact2);

        mReply = findViewById(R.id.editText_second);

        Intent intent = getIntent();

        String message =
        intent.getStringExtra(Two2Activity.EXTRA_MESSAGE);

        TextView textView = findViewById(R.id.text_message);

        textView.setText(message);

    }

    public void returnReply(View view){
```

```

        String reply = mReply.getText().toString();

        Intent replyIntent = new Intent();

        setResult(RESULT_OK, replyIntent);

        finish();

    }

}

...

```

E. Code Project Set Alarm

> Pertama, buatlah button terlebih dahulu pada `activity_main.xml`, bersama dengan button aplikasi lainnya :

```

...

<Button

    android:id="@+id/btnSetAlarm"

    android:layout_width="150dp"

    android:layout_height="60dp"

    android:layout_below="@+id/btnTwoActivity"

    android:layout_alignParentStart="true"

    android:layout_alignParentEnd="true"

    android:layout_marginStart="100dp"

    android:layout_marginTop="20dp"

```

```
android:layout_marginEnd="100dp"

android:onClick="btnSetAlarm"

android:background="@color/tosca"

android:text="Set Alarm"

tools:ignore="UsingOnClickInXml"

android:scaleType="centerCrop"/>
```

...

> Lalu tambahkan code Implicit Intent pada `MainActivity.java` :

...

```
findViewById(R.id.btnSetAlarm).setOnClickListener(new
View.OnClickListener() {

    @Override

    public void onClick(View v) {

        // Panggil metode untuk mengatur alarm

        setAlarm();

    }

});

}

private void setAlarm() {
```

```

        Intent alarm = new
Intent(android.provider.AlarmClock.ACTION_SET_ALARM);

        startActivity(alarm);

    }

...

```

> - Selanjutnya buka `AndroidManifest.xml` dan tambahkan code untuk izin membuka Alarm :

```

...

<uses-permission
android:name="com.android.alarm.permission.SET_ALARM" />

...

```

- Tambahkan code berikut pada bagian `*application*` agar set alarm dapat berjalan :

```

...

<activity

    android:name=".MainActivity"

    android:exported="true">

    <intent-filter>

        <action android:name="android.intent.action.SET_ALARM" />

        <category android:name="android.intent.category.DEFAULT" />

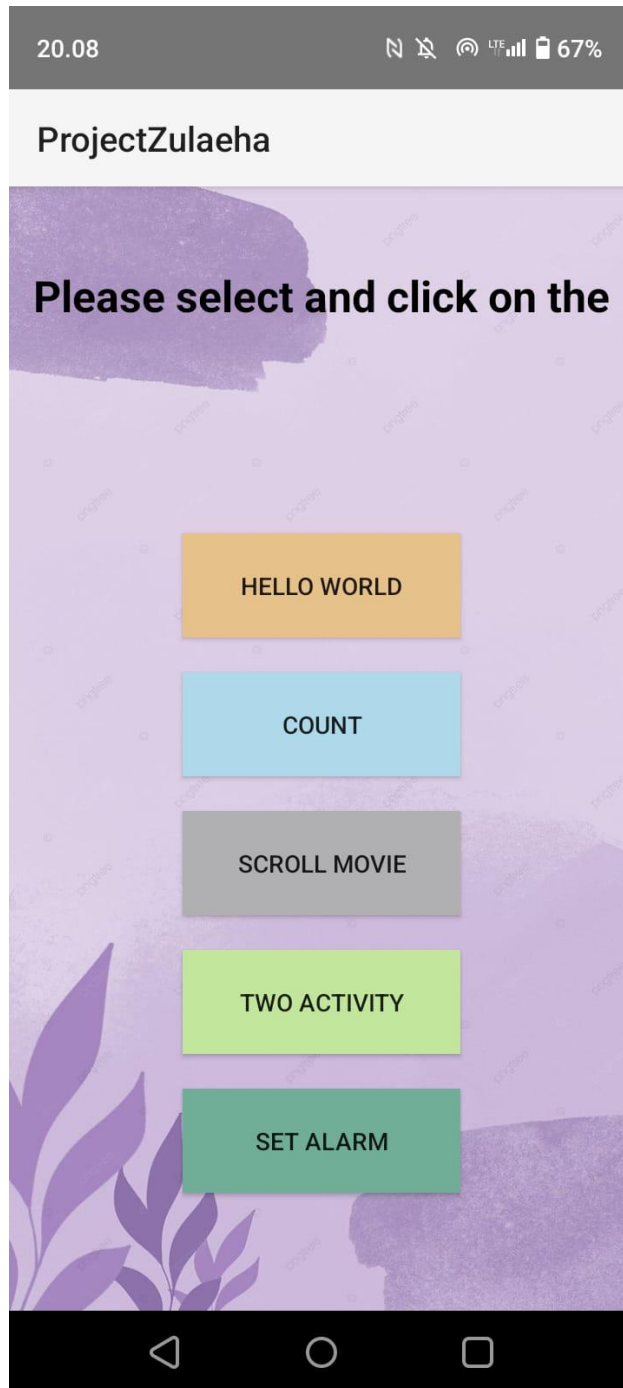
```

```
</intent-filter>
```

```
</activity>
```

```
...
```

7. Hasil Program Tugas 1



❖ Menu Utama

Pertama yang harus kita lakukan adalah mengganti tampilan menu utamanya dengan code yang baru agar ikon tombol berubah menjadi gambar, caranya adalah :

Jika awal pembuatan project kita memilih template **Empty Views Activity**, maka pada layout otomatis terbuat file `activity_main.xml` dan pada java akan ada `MainActivity.java`. Maka langsung saja kita buka `activity_main.xml`, dan buat code seperti berikut ini:

...

```
<?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"
```

```
tools:context=".MainActivity">
```

```
<RelativeLayout
```

```
android:layout_width="500dp"
```

```
        android:layout_height="match_parent"

        android:background="@drawable/bgpink">

</RelativeLayout>

<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:layout_marginLeft="16dp"

    android:layout_marginTop="100dp"

    android:layout_marginRight="16dp"

    android:orientation="vertical">

    <TextView

        android:id="@+id/textView"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:fontFamily="serif"

        android:text="Menu Program"

        android:textAlignment="center"

        android:textColor="@color/black"

        android:textSize="34sp"

        android:textStyle="bold" />
```


<LinearLayout

android:layout_width="match_parent"

android:layout_height="150dp"

android:layout_margin="5dp"

android:orientation="horizontal">

<androidx.cardview.widget.CardView

android:id="@+id/cdMenu1"

android:layout_width="match_parent"

android:layout_height="match_parent"

android:layout_margin="10dp"

android:layout_weight="1"

app:cardCornerRadius="20dp"

app:cardElevation="7dp">

<LinearLayout

android:layout_width="match_parent"

android:layout_height="match_parent"

android:orientation="vertical">

<ImageView

android:id="@+id/imageView0"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_margin="16dp"

android:layout_weight="1"

app:srcCompat="@drawable/iconhello" />

<TextView

android:id="@+id/textView0"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:fontFamily="serif"

android:text="Hello World"

android:textAlignment="center"

android:textSize="18dp"

android:textStyle="bold" />

</LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

android:id="@+id/cdMenu2"

android:layout_width="match_parent"

android:layout_height="match_parent"

android:layout_margin="10dp"

android:layout_weight="1"

app:cardCornerRadius="20dp"

app:cardElevation="7dp">

<LinearLayout

android:layout_width="match_parent"

android:layout_height="match_parent"

android:orientation="vertical">

<ImageView

android:id="@+id/imageView1"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_margin="16dp"

android:layout_weight="1"

app:srcCompat="@drawable/iconcount" />

<TextView

android:id="@+id/textView1"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:fontFamily="serif"

android:text="Fibonacci"

```
        android:textAlignment="center"

        android:textSize="18dp"

        android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>

</LinearLayout>

<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="150dp"

    android:layout_margin="5dp"

    android:orientation="horizontal">

    <androidx.cardview.widget.CardView

        android:id="@+id/cdMenu3"

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:layout_margin="10dp"

        android:layout_weight="1"

        app:cardCornerRadius="20dp"

        app:cardElevation="7dp">

        <LinearLayout
```

android:layout_width="match_parent"

android:layout_height="match_parent"

android:orientation="vertical">

<ImageView

android:id="@+id/imageView2"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_margin="16dp"

android:layout_weight="1"

app:srcCompat="@drawable/iconscroll" />

<TextView

android:id="@+id/textView2"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:fontFamily="serif"

android:text="Scroll Movie"

android:textAlignment="center"

android:textSize="18dp"

android:textStyle="bold" />

</LinearLayout>

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu4"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    android:layout_margin="10dp"
```

```
    android:layout_weight="1"
```

```
    app:cardCornerRadius="20dp"
```

```
    app:cardElevation="7dp">
```

```
    <LinearLayout
```

```
        android:layout_width="match_parent"
```

```
        android:layout_height="match_parent"
```

```
        android:orientation="vertical">
```

```
        <ImageView
```

```
            android:id="@+id/imageView3"
```

```
            android:layout_width="match_parent"
```

```
            android:layout_height="wrap_content"
```

```
            android:layout_margin="16dp"
```

```
            android:layout_weight="1"
```

```
            app:srcCompat="@drawable/iconalarm" />
```

```
<TextView  
  
    android:id="@+id/textView3"  
  
    android:layout_width="match_parent"  
  
    android:layout_height="wrap_content"  
  
    android:fontFamily="serif"  
  
    android:text="Alarm"  
  
    android:textAlignment="center"  
  
    android:textSize="18dp"  
  
    android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
  
    android:layout_height="150dp"  
  
    android:layout_margin="5dp"  
  
    android:orientation="horizontal">
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu5"  
  
    android:layout_width="match_parent"
```

```
android:layout_height="match_parent"
```

```
android:layout_margin="10dp"
```

```
android:layout_weight="1"
```

```
app:cardCornerRadius="20dp"
```

```
app:cardElevation="7dp">
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    android:orientation="vertical">
```

```
<ImageView
```

```
    android:id="@+id/imageView4"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_margin="16dp"
```

```
    android:layout_weight="1"
```

```
    app:srcCompat="@drawable/iconactivity" />
```

```
<TextView
```

```
    android:id="@+id/textView4"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```



```
        android:fontFamily="serif"
```

```
        android:text="Two Activity"
```

```
        android:textAlignment="center"
```

```
        android:textSize="18dp"
```

```
        android:textStyle="bold" />
```

```
    </LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu6"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    android:layout_margin="10dp"
```

```
    android:layout_weight="1"
```

```
    app:cardCornerRadius="20dp"
```

```
    app:cardElevation="7dp">
```

```
    <LinearLayout
```

```
        android:layout_width="match_parent"
```

```
        android:layout_height="match_parent"
```

```
        android:orientation="vertical">
```

```
    <ImageView
```

android:id="@+id/imageView5"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_margin="16dp"

android:layout_weight="1"

app:srcCompat="@drawable/iconmaps" />

<TextView

android:id="@+id/textView5"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:fontFamily="serif"

android:text="Maps"

android:textAlignment="center"

android:textSize="18dp"

android:textStyle="bold" />

</LinearLayout>

</androidx.cardview.widget.CardView>

</LinearLayout>

</LinearLayout>

</RelativeLayout>

...

> - Setelah itu kita buka `MainActivity.java` untuk menambahkan code intent untuk masing-masing tombol :

...

```
package com.projectzulaeha;

import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        findViewById(R.id.cdMenu4).setOnClickListener(new
View.OnClickListener() {

            @Override

            public void onClick(View v) {

                setAlarm();
```

```

    }

    });

    findViewById(R.id.cdMenu1).setOnClickListener(new
View.OnClickListener() {

    @Override

    public void onClick(View v) {

        // Ketika tombolSatu ditekan, pindah ke HelloActivity

        Intent helloworld = new Intent(MainActivity.this, HelloActivity.class);

        startActivity(helloworld);

    }

    });

    findViewById(R.id.cdMenu2).setOnClickListener(new
View.OnClickListener() {

    @Override

    public void onClick(View v) {

        // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

        // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

        Intent toast = new Intent(MainActivity.this, CountActivity.class);

        startActivity(toast);

    }

    });

```

```
findViewById(R.id.cdMenu3).setOnClickListener(new
View.OnClickListener() {

    @Override

    public void onClick(View v) {

        // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

        // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

        Intent sianida = new Intent(MainActivity.this, SianidaActivity.class);

        startActivity(sianida);

    }

});
```

```
findViewById(R.id.cdMenu5).setOnClickListener(new
View.OnClickListener() {

    @Override

    public void onClick(View v) {

        // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

        // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

        Intent twoactivity = new Intent(MainActivity.this, TwoActivity.class);

        startActivity(twoactivity);

    }

});
```

```

        findViewById(R.id.cdMenu6).setOnClickListener(new
View.OnClickListener() {

    @Override

    public void onClick(View v) {

        // Example location: Jakarta, Indonesia

        Uri geoLocation = Uri.parse("geo:-6.2088,106.8456");

        openMaps(geoLocation);

    }

});

}

private void setAlarm() {

    Intent alarmIntent = new
Intent(android.provider.AlarmClock.ACTION_SET_ALARM);

    // Add extra details for the alarm, e.g., alarm time, label, etc.

    // alarmIntent.putExtra(...)

    startActivity(alarmIntent);

}

private void openMaps(Uri geoLocation) {

    Intent maps = new Intent(Intent.ACTION_VIEW);

    maps.setData(geoLocation);

    if (maps.resolveActivity(getPackageManager()) != null) {

```

```
        startActivity(maps);  
  
    }  
  
}  
  
}  
  
...
```

> Button *HelloWorld, Count, Sianida dan TwoActivity* menggunakan **Explicit Intent**, dan untuk project *SetAlarm* beserta *Maps* menggunakan **Implicit Intent**.

> Menu halaman utama dan tombol-tombol aplikasi sudah berhasil dibuat. Maka selanjutnya yang kita lakukan adalah menambahkan coding pada **`AndroidManifest.xml`** agar aplikasi dapat berjalan.

❖ **AndroidManifest.xml**

Didalam **`AndroidManifest.xml`** kita tambahkan semua java class dari semua project kita sebelumnya. Berikut nama java class dari berbagai project yang telah saya buat:

a. Project Hello World = HelloActivity.java

b. Project Count = CountActivity.java

c. Project Scroll Movie = SianidaActivity.java

d. Project TwoActivity = TwoActivity.java dan Two2Activity.java

e. Project Set Alarm = MainActivity.java

f. Project Maps = MainActivity.java (karena merupakan Implicit Intent, jadi code untuk SetAlarm dan Maps langsung dibuat disini)

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    xmlns:tools="http://schemas.android.com/tools">
```

```
    <uses-permission
```

```
        android:name="com.android.alarm.permission.SET_ALARM" />
```

```
    <application
```

```
        android:allowBackup="true"
```

```
        android:dataExtractionRules="@xml/data_extraction_rules"
```

```
        android:fullBackupContent="@xml/backup_rules"
```

```
        android:icon="@mipmap/ic_launcher"
```

```
        android:label="@string/app_name"
```

```
        android:roundIcon="@mipmap/ic_launcher_round"
```



```
    android:supportsRtl="true"

    android:theme="@style/Theme.Design.Light"

    tools:targetApi="31">

    <activity

        android:name=".MainActivity"

        android:exported="true">

        <intent-filter>

            <action android:name="android.intent.action.SET_ALARM" />

            <category android:name="android.intent.category.DEFAULT" />

            <action android:name="android.intent.action.VIEW" />

            <data android:scheme="geo" />

            <category android:name="android.intent.category.DEFAULT" />

        </intent-filter>

    </activity>

    <activity

        android:name=".HelloActivity"

        android:exported="true" />

    <activity

        android:name=".TwoActivity"

        android:exported="true" />
```

```
<activity

    android:name=".Two2Activity"

    android:exported="true" />

<activity

    android:name=".CountActivity"

    android:exported="true" />

<activity

    android:name=".SianidaActivity"

    android:exported="true" />

<activity

    android:name=".SplashScreen"

    android:exported="true"

    android:theme="@style/SplashScreen">

    <intent-filter>

        <action android:name="android.intent.action.MAIN" />

        <category android:name="android.intent.category.LAUNCHER" />

    </intent-filter>

</activity>

</application>

</manifest>
```

...

❖ Code All Projects (XML files / res)**

> Pada menu values :

``Strings.xml``

...

`<resources>`

`<string name="app_name">projectzulaeha</string>`

`<string name="Hello_World">Hello World!!</string>`

`<string name="button_main">Send</string>`

`<string name="editText_main">Enter Your Message Here</string>`

`<string name="text_header">Message Received</string>`

`<string name="button_second">Reply</string>`

`<string name="editText_second">Enter Your Reply Here</string>`

`<string name="text_header_reply">Reply Received</string>`

`<string name="button_label_toast">Toast</string>`

`<string name="button_label_count">Count</string>`

`<string name="count_initial_value">1</string>`

`<string name="toast_message">Hello Toast!</string>`

`<string name="button_label_restart">Restart</string>`

`<string name="enter_fibonacci_limit">Masukkan Angka Limit</string>`

<string name="article_title"> Kasus Sianida</string>

<string name="article_subtitle">ICE COLD!</string>

<string name="article_text"> Film dokumenter Ice Cold: Murder, Coffee and Jessica Wongso memaparkan pertanyaan tak terjawab tentang persidangan yang dilalui Jessica Wongso. Dengan menyajikan perspektif baru, film ini hadir bertahun-tahun setelah kematian sahabat Jessica, Wayan Mirna Salihin.

Film ini menggambarkan bagaimana Jessica yang mengajak teman-temannya, termasuk Mirna, untuk bertemu setelah sekian lama tak berjumpa. Pertemuan di salah satu kafe di mal ibu kota tersebut pun berlangsung lancar, sebelum akhirnya Mirna pingsan sesaat setelah meminum kopi yang sebelumnya dipesan Jessica. Dokumenter ini turut menyajikan rekaman CCTV pada waktu kejadian, berbagai footage berita saat persidangan berlangsung, hingga wawancara eksklusif dengan beberapa sumber, termasuk Jessica Wongso.

Persidangan atas dugaan pembunuhan Mirna Salihin digelar lima bulan setelah kematiannya. Sidang tersebut melalui 32 kali persidangan dengan menghadirkan puluhan saksi di pengadilan. Hasilnya, Jessica Wongso divonis bersalah atas kematian Mirna dan dijatuhi hukuman 20 tahun penjara.

Kasus yang berjalan cukup lama tersebut menyita banyak perhatian dari masyarakat Indonesia. Musababnya, banyak misteri tak terjawab selama rangkaian persidangan yang panjang tersebut. Salah satunya adalah mengenai akses untuk mendapatkan bubuk sianida yang tidak bisa didapatkan oleh orang sembarangan. Selain itu, motif Jessica di balik pembunuhan tersebut pun belum menemukan jawabannya.

Film dokumenter buatan Netflix ini menyoroti rangkaian persidangan yang saat itu menjadi sidang pertama yang disiarkan secara langsung di berbagai

stasiun televisi Indonesia. Selain itu, kasus ini juga diliput secara intens oleh media massa, baik nasional maupun internasional. Tak hanya itu, pihak rumah produksi Beach House Pictures juga berhasil mendapatkan akses untuk mewawancarai Jessica Wongso secara langsung dari balik tahanan. Dalam video trailer yang diluncurkannya, ditampilkan juga sejumlah wawancara eksklusif yang dilakukan dengan beberapa narasumber. Mulai dari ayah dan saudara kembar Mirna Salihin, pengacara Jessica Wongso, jurnalis yang mendalami kasus tersebut, hingga bagaimana saat itu kasus ini begitu ramai diberitakan oleh media massa Indonesia dan internasional.</string>

</resources>

...

`Colors.xml`

...

<?xml version="1.0" encoding="utf-8"?>

<resources>

<color name="black">#FF000000</color>

<color name="white">#FFFFFFF</color>

<color name="blue">#3700B3</color>

<color name="pink">#FFC0CB</color>

<color name="colorPrimary">#3F5185</color>

<color name="colorPrimaryDark">#303F9F</color>

<color name="colorAccent">#FF4081</color>

```
<color name="birumuda">#ABCBFA</color>
```

```
<color name="salem">#F8C6E6</color>
```

```
<color name="purple">#E3A2ED</color>
```

```
<color name="hijau">#92A676</color>
```

```
<color name="biru">#8FC2EA</color>
```

```
<color name="hijaumuda">#C2E69C</color>
```

```
<color name="kuning">#FFEB3B</color>
```

```
<color name="orange">#FF9800</color>
```

```
<color name="cream">#E6C18A</color>
```

```
</resources>
```

```
...
```

```
`Dimens.xml`
```

```
...
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<resources>
```

```
<dimen name="padding_regular">10dp</dimen>
```

```
<dimen name="line_spacing">5sp</dimen>
```

```
</resources>
```

```
...
```

> Pada menu **themes** :

-`themes.xml`

...

```
<resources xmlns:tools="http://schemas.android.com/tools">
```

```
    <!-- Base application theme. -->
```

```
    <style name="SplashScreen"
```

```
        parent="Theme.MaterialComponents.DayNight.NoActionBar">
```

```
        <item
```

```
            name="android:windowBackground">@drawable/splashscreen</item>
```

```
            <item name="android:statusBarColor">?attr/colorOnPrimary</item>
```

```
        </style>
```

```
</resources>
```

...

> Pada menu **drawable** :

`backgroundlauncher.xml`

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<layer-list xmlns:android="http://schemas.android.com/apk/res/android">
```

```
    <item android:drawable="@color/birumuda"/>
```

```
<item>

    <bitmap

        android:src="@drawable/logo"

        android:gravity="center" />

    </item>

</layer-list>

...
```

A. Code Project Splash Screen

`SplashScreen.java`

```
...

package com.projectzulaeha;

import android.content.Intent;

import android.os.Bundle;

import android.os.Handler;

import androidx.appcompat.app.AppCompatActivity;

public class SplashScreen extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {
```



```

        super.onCreate(savedInstanceState);

        new Handler().postDelayed(new Runnable() {

            @Override

            public void run() {

                startActivity(new Intent(SplashScreen.this, MainActivity.class));

                finish();

            }

        }, 2500);

    }

}

...

```

B. Code Project Hello World

```

`activity_hello.xml`

...

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.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=".HelloActivity">

        <ImageView

            android:id="@+id/background"

            android:layout_width="match_parent"

            android:layout_height="match_parent"

            android:background="@drawable/bgcream"

            android:adjustViewBounds="true"

            android:scaleType="centerCrop"/>

        <TextView

            android:id="@+id/txthello"

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:gravity="center"

            android:text="Hello World!!"

            android:textColor="@color/coklat"

            android:textSize="20pt"

            android:textStyle="bold"

            app:layout_constraintBottom_toBottomOf="parent"

            app:layout_constraintEnd_toEndOf="parent"
```

```
        app:layout_constraintHorizontal_bias="0.503"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent"

        app:layout_constraintVertical_bias="0.413"

        tools:ignore="TextSizeCheck" />

</androidx.constraintlayout.widget.ConstraintLayout>

...
```

``HelloActivity.java``

```
...

package com.projectzulaeha;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class HelloActivity extends AppCompatActivity{

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_hello);

    }

}
```

...

C. Code Project Count

`activity_count.xml`

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<androidx.constraintlayout.widget.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:ignore="ExtraText"
```

```
    tools:context=".CountActivity">
```

```
<ImageView
```

```
    android:id="@+id/background"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    android:background="@drawable/bgbiru"
```

```
    android:adjustViewBounds="true"
```

```
android:scaleType="centerCrop" />
```

```
<Button
```

```
android:id="@+id/button_limit"
```

```
android:layout_width="354dp"
```

```
android:layout_height="76dp"
```

```
android:layout_marginStart="8dp"
```

```
android:layout_marginTop="16dp"
```

```
android:layout_marginEnd="8dp"
```

```
android:background="@color/pastel"
```

```
android:onClick="setLimit"
```

```
android:text="Masukkan Angka Limit"
```

```
android:textColor="@android:color/white"
```

```
app:layout_constraintEnd_toEndOf="parent"
```

```
app:layout_constraintHorizontal_bias="0.507"
```

```
app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent"
```

```
tools:ignore="UsingOnClickInXml,VisualLintButtonSize" />
```

```
<Button
```

```
android:id="@+id/button_count"
```

```
android:layout_width="173dp"
```

```
        android:layout_height="70dp"

        android:layout_marginStart="8dp"

        android:layout_marginEnd="8dp"

        android:layout_marginBottom="24dp"

        android:background="@color/pastel"

        android:onClick="countUp"

        android:text="Count"

        android:textColor="@android:color/white"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintHorizontal_bias="0.039"

        app:layout_constraintStart_toStartOf="parent"

        tools:ignore="UsingOnClickInXml,VisualLintButtonSize" />

<Button

        android:id="@+id/button_restart"

        android:layout_width="173dp"

        android:layout_height="72dp"

        android:layout_marginStart="8dp"

        android:layout_marginEnd="8dp"

        android:layout_marginBottom="24dp"
```

```
    android:background="@color/pastel"

    android:onClick="back1"

    android:text="Restart"

    android:textColor="@android:color/white"

    app:layout_constraintBottom_toBottomOf="parent"

    app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintHorizontal_bias="0.965"

    app:layout_constraintStart_toStartOf="parent"

    tools:ignore="UsingOnClickInXml" />

<TextView

    android:id="@+id/show_count"

    android:layout_width="305dp"

    android:layout_height="442dp"

    android:layout_marginTop="8dp"

    android:layout_marginEnd="8dp"

    android:layout_marginBottom="8dp"

    android:gravity="center_vertical"

    android:text="1"

    android:textAlignment="center"

    android:textColor="@color/black"
```

```
        android:textSize="160sp"

        android:textStyle="bold"

        app:layout_constraintBottom_toTopOf="@id/button_count"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintHorizontal_bias="0.505"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toBottomOf="@id/button_limit"

        app:layout_constraintVertical_bias="0.51"

        tools:ignore="RtlCompat" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

...

CountActivity.java

...

```
package com.projectzulaeha;

import android.annotation.SuppressLint;

import android.app.AlertDialog;

import android.content.DialogInterface;

import android.graphics.Color;

import android.os.Bundle;
```



```
import android.view.View;

import android.widget.EditText;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class CountActivity extends AppCompatActivity {

    private TextView show_count;

    private int count = 1;

    private long fibNMinus1 = 1;

    private long fibNMinus2 = 1;

    private int limit = -1; // Inisialisasi limit dengan nilai default

    @SuppressWarnings("MissingInflatedId")

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_count);

        show_count = findViewById(R.id.show_count);

    }

    public void countUp(View view) {

        if (count == 0) {

            show_count.setText("0");
```

```

}

else if (count == 1) {

    show_count.setText("1");

}

else {

    if (limit != -1 && count > limit) {

        // Jika count melebihi limit, atur ulang perhitungan

        count = 0;

        fibNMinus1 = 1;

        fibNMinus2 = 0;

        show_count.setText(getString(R.string.count_initial_value));

    }

    else {

        long fibCurrent = fibNMinus1 + fibNMinus2;

        fibNMinus2 = fibNMinus1;

        fibNMinus1 = fibCurrent;

        //Mengatur warna teks berdasarkan angka Fibonacci

        int colorResId = R.color.colorAccent; // Warna Default

        switch (count % 11) {

            case 1:

```

```
colorResId = R.color.colorAccent; // Warna Pink Tua
```

```
break;
```

```
case 2:
```

```
colorResId = R.color.hijaumuda; // Warna Hijau Muda
```

```
break;
```

```
case 3:
```

```
colorResId = R.color.purple; // Warna Ungu
```

```
break;
```

```
case 4:
```

```
colorResId = R.color.salem; // Warna Salem
```

```
break;
```

```
case 5:
```

```
colorResId = R.color.birumuda; // Warna Biru Muda
```

```
break;
```

```
case 6 :
```

```
colorResId = R.color.kuning; // Warna Kuning
```

```
break;
```

```
case 7:
```

```
colorResId = R.color.hijau; // Warna Hijau
```

```
break;
```

```

        case 8:

            colorResId = R.color.cream; // Warna Cream

            break;

        case 9:

            colorResId = R.color.pink; // Warna Pink

            break;

        case 10:

            colorResId = R.color.biru; // Warna Biru

            break;

        case 11:

            colorResId = R.color.orange; // Warna Orange

            break;

    }

    show_count.setTextColor(getResources().getColor(colorResId));

    show_count.setText(String.valueOf(fibCurrent));

}

}

count++;

}

public void back1(View view) {

```

```

        count = 1;

        fibNMinus1 = 1;

        fibNMinus2 = 0;

        show_count.setText(getString(R.string.count_initial_value));
    }

    public void setLimit(View view) {

        // Create and display a dialog to set the limit

        AlertDialog.Builder builder = new AlertDialog.Builder(this);

        builder.setTitle("Set Limit");

        final EditText input = new EditText(this);

        input.setInputType(android.text.InputType.TYPE_CLASS_NUMBER);

        builder.setView(input);

        builder.setPositiveButton("OK", new DialogInterface.OnClickListener() {

            @Override

            public void onClick(DialogInterface dialog, int which) {

                // Get the limit from the input and set it for calculations

                String limitStr = input.getText().toString();

                limit = Integer.parseInt(limitStr);

            }

        });
    }

```

```

        builder.setNegativeButton("Cancel", new
DialogInterface.OnClickListener() {

        @Override

        public void onClick(DialogInterface dialog, int which) {

            dialog.cancel();

        }

    });

    builder.show();

}

}

...

```

D. Code Project Scroll Movie

``activity_scrollmovie.xml``

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    xmlns:tools="http://schemas.android.com/tools"
```

```
tools:context=".SianidaActivity">
```

```
<TextView
```

```
    android:id="@+id/article_heading"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:background="@color/abu"
```

```
    android:padding="@dimen/padding_regular"
```

```
    android:text="@string/article_title"
```

```
    android:textAppearance="@android:style/TextAppearance.DeviceDefault.Large"
```

```
    android:textColor="@android:color/white"
```

```
    android:textStyle="bold" />
```

```
<ScrollView
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_below="@id/article_heading">
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:orientation="vertical">
```

```
<TextView

    android:id="@+id/article_subheading"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:padding="@dimen/padding_regular"

    android:text="@string/article_subtitle"

    android:textAlignment="center"

    android:textAppearance="@android:style/TextAppearance.DeviceDefault"

    android:textColor="@color/colorPrimary" />

<TextView

    android:id="@+id/article"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:autoLink="web"

    android:lineSpacingExtra="@dimen/line_spacing"

    android:padding="@dimen/padding_regular"

    android:text="@string/article_text"

    tools:ignore="VisualLintLongText" />

</LinearLayout>

</ScrollView>
```



```
</RelativeLayout>
```

```
...
```

```
`SianidaActivity.java`
```

```
...
```

```
package com.projectzulaeha;
```

```
import android.os.Bundle;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
public class SianidaActivity extends AppCompatActivity {
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState){
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_scrollmovie);
```

```
    }
```

```
}
```

```
...
```

E. Code Project Two Activity

```
`activity_twoactivity.xml`
```

```
...
```

```
<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    xmlns:tools="http://schemas.android.com/tools"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    tools:context=".TwoActivity">

    <ImageView

        android:id="@+id/background"

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:adjustViewBounds="true"

        android:scaleType="centerCrop"

        android:src="@drawable/bghijau" />

    <TextView

        android:id="@+id/text_header_reply"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginStart="8dp"
```

```
        android:layout_marginLeft="8dp"

        android:layout_marginTop="16dp"

        android:text="@string/text_header_reply"

        android:textAppearance="@style/TextAppearance.AppCompat.Medium"

        android:textStyle="bold"

        android:visibility="invisible"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent"/>
<TextView

        android:id="@+id/text_message_reply"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginStart="8dp"

        android:layout_marginLeft="8dp"

        android:layout_marginTop="8dp"

        android:visibility="invisible"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toBottomOf="@+id/text_header_reply" />
<Button

        android:id="@+id/button_main"
```

```
android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginBottom="16dp"

android:layout_marginRight="16dp"

android:text="@string/button_main"

android:background="@color/pink"

android:onClick="LaunchSecondActivity"

app:layout_constraintBottom_toBottomOf="parent"

app:layout_constraintRight_toRightOf="parent"

tools:ignore="UsingOnClickInXml"/>
```

<EditText

```
android:id="@+id/editText_main"

android:layout_width="0dp"

android:layout_height="wrap_content"

android:layout_marginStart="8dp"

android:layout_marginEnd="8dp"

android:layout_marginBottom="16dp"

android:ems="10"

android:hint="@string/editText_main"

android:inputType="textLongMessage"
```

```

        android:minHeight="48dp"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toStartOf="@+id/button_main"

        app:layout_constraintStart_toStartOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
...

`activity_two2activity.xml`
...

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    xmlns:tools="http://schemas.android.com/tools"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    tools:context=".Two2Activity">

    <ImageView

        android:id="@+id/background"

        android:layout_width="match_parent"

```

android:layout_height="match_parent"

android:adjustViewBounds="true"

android:scaleType="centerCrop"

android:src="@drawable/bghijau" />

<TextView

android:id="@+id/text_header"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginStart="8dp"

android:layout_marginLeft="8dp"

android:layout_marginTop="16dp"

android:text="@string/text_header"

android:textAppearance="@style/TextAppearance.AppCompat.Medium"

android:textStyle="bold"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toTopOf="parent" />

<TextView

android:id="@+id/text_message"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

```

        android:layout_marginStart="8dp"

        android:layout_marginLeft="8dp"

        android:layout_marginTop="8dp"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toBottomOf="@+id/text_header" />

<Button

        android:id="@+id/button_second"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginBottom="16dp"

        android:layout_marginRight="16dp"

        android:text="@string/buttton_second"

        android:onClick="returnReply"

        android:background="@color/hijaumuda"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintRight_toRightOf="parent"

        tools:ignore="UsingOnClickInXml" />

<EditText

        android:id="@+id/editText_second"

        android:layout_width="0dp"

```

```
        android:layout_height="wrap_content"

        android:layout_marginStart="8dp"

        android:layout_marginEnd="8dp"

        android:layout_marginBottom="16dp"

        android:ems="10"

        android:hint="@string/editText_second"

        android:inputType="textLongMessage"

        android:minHeight="48dp"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toStartOf="@+id/button_second"

        app:layout_constraintStart_toStartOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
...

```

`TwoActivity.java``

```
...

package com.projectzulaeha;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

```



```
import android.util.Log;

import android.view.View;

import android.widget.EditText;

import android.widget.TextView;

public class TwoActivity extends AppCompatActivity {

    private static final String LOG_TAG = TwoActivity.class.getSimpleName();

    public static final String EXTRA_MESSAGE =
"com.example.android.Two2Activity.extra.MESSAGE";

    public static final int TEXT_REQUEST = 1;

    private EditText mMessageEditText;

    private TextView mReplyHeadTextView;

    private TextView mReplyTextView;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_twoactivity);

        mMessageEditText = findViewById(R.id.editText_main);

        mReplyHeadTextView = findViewById(R.id.text_header_reply);

        mReplyTextView = findViewById(R.id.text_message_reply);

    }

    public void LaunchSecondActivity(View view) {
```

```

        Log.d(LOG_TAG, "Button clicked!");

        Intent intent = new Intent(this, Two2Activity.class);

        String message = mMessageEditText.getText().toString();

        intent.putExtra(EXTRA_MESSAGE, message);

        startActivityForResult(intent, TEXT_REQUEST);

    }

    @Override

    public void onActivityResult(int requestCode, int resultCode, Intent data) {

        super.onActivityResult(requestCode, resultCode, data);

        if (requestCode == TEXT_REQUEST) {

            if (resultCode == RESULT_OK) {

                String reply = data.getStringExtra(Two2Activity.EXTRA_REPLY);

                mReplyHeadTextView.setVisibility(View.VISIBLE);

                mReplyTextView.setText(reply);

                mReplyTextView.setVisibility(View.VISIBLE);

            }

        }

    }

}

...

```

``Two2Activity.java``

`...`

```
package com.projectzulaeha;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class Two2Activity extends AppCompatActivity {

    public static final String EXTRA_REPLY
    ="com.example.android.Two2Activity.extra.REPLY";

    public static final String EXTRA_MESSAGE
    ="com.example.android.Two2Activity.extra.MESSAGE";

    private EditText mReply;

    @Override

    protected void onCreate(Bundle savedInstanceState){

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_two2activity);

        mReply = findViewById(R.id.editText_second);
```

```

        Intent intent = getIntent();

        String message = intent.getStringExtra(Two2Activity.EXTRA_MESSAGE);

        TextView textView = findViewById(R.id.text_message);

        textView.setText(message);

    }

    public void returnReply(View view){

        String reply = mReply.getText().toString();

        Intent replyIntent = new Intent();

        setResult(RESULT_OK, replyIntent);

        finish();

    }

}

...

```

F. Code Project SetAlarm dan Maps

> Pertama, buatlah ikon tombol terlebih dahulu pada `activity_main.xml`, bersama dengan ikon tombol aplikasi lainnya :

Set Alarm

...

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu4"
```

android:layout_width="match_parent"

android:layout_height="match_parent"

android:layout_margin="10dp"

android:layout_weight="1"

app:cardCornerRadius="20dp"

app:cardElevation="7dp">

<LinearLayout

android:layout_width="match_parent"

android:layout_height="match_parent"

android:orientation="vertical">

<ImageView

android:id="@+id/imageView3"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_margin="16dp"

android:layout_weight="1"

app:srcCompat="@drawable/iconalarm" />

<TextView

android:id="@+id/textView3"

android:layout_width="match_parent"

```
        android:layout_height="wrap_content"

        android:fontFamily="serif"

        android:text="Alarm"

        android:textAlignment="center"

        android:textSize="18dp"

        android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>

</LinearLayout>

...
```

`Maps`

```
...

<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu6"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:layout_margin="10dp"

    android:layout_weight="1"

    app:cardCornerRadius="20dp"
```

```
app:cardElevation="7dp">
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    android:orientation="vertical">
```

```
<ImageView
```

```
    android:id="@+id/imageView5"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_margin="16dp"
```

```
    android:layout_weight="1"
```

```
    app:srcCompat="@drawable/iconmaps" />
```

```
<TextView
```

```
    android:id="@+id/textView5"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:fontFamily="serif"
```

```
    android:text="Maps"
```

```
    android:textAlignment="center"
```

```
    android:textSize="18dp"
```

```
        android:textStyle="bold" />
```

```
</LinearLayout>
```

```
...
```

> Lalu tambahkan code Implicit Intent pada `MainActivity.java` :

`SetAlarm`

```
...
```

```
findViewById(R.id.cdMenu4).setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
```

```
        setAlarm();
```

```
    }
```

```
});
```

```
private void setAlarm() {
```

```
    Intent alarmIntent = new
```

```
Intent(android.provider.AlarmClock.ACTION_SET_ALARM);
```

```
    // Add extra details for the alarm, e.g., alarm time, label, etc.
```

```
    // alarmIntent.putExtra(...
```

```
    startActivity(alarmIntent);
```

```
}
```

```
...
```


``Maps``

`...`

```
findViewById(R.id.cdMenu6).setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
```

```
        // Example location: Jakarta, Indonesia
```

```
        Uri geoLocation = Uri.parse("geo:-6.2088,106.8456");
```

```
        openMaps(geoLocation);
```

```
    }
```

```
});
```

```
private void openMaps(Uri geoLocation) {
```

```
    Intent maps = new Intent(Intent.ACTION_VIEW);
```

```
    maps.setData(geoLocation);
```

```
    if (maps.resolveActivity(getPackageManager()) != null) {
```

```
        startActivity(maps);
```

```
    }
```

```
}
```

`...`

> Selanjutnya buka `AndroidManifest.xml` dan tambahkan code untuk izin membuka Alarm :

...

```
<uses-permission  
    android:name="com.android.alarm.permission.SET_ALARM" />
```

...

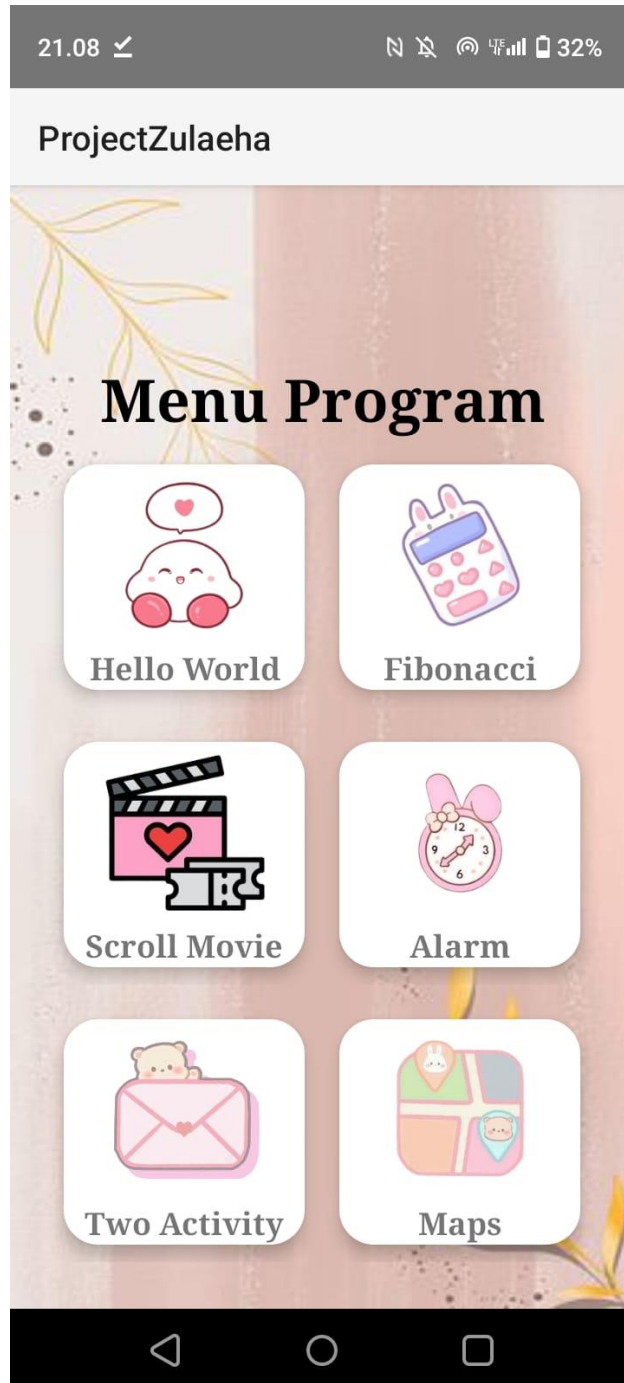
> Tambahkan code berikut pada bagian ***application*** agar set alarm dapat berjalan :

...

```
<activity  
    android:name=".MainActivity"  
    android:exported="true">  
    <intent-filter>  
        <action android:name="android.intent.action.SET_ALARM" />  
        <category android:name="android.intent.category.DEFAULT" />  
        <action android:name="android.intent.action.VIEW" />  
        <data android:scheme="geo" />  
        <category android:name="android.intent.category.DEFAULT" />  
    </intent-filter>  
</activity>
```

...

❖ Hasil Program Tugas 2



❖ Penjelasan & Hasil Program Tugas 3

> Pada tugas 3 untuk cara dan isi code nya sama seperti pada tugas 2 hanya menyesuaikan saja dengan yang baru.

****Fill in All The Code in This Project :****

❖ . **Gradle Script** => `build.gradle.kts (Module :app)`

...

```
plugins {
```

```
    id("com.android.application")
```

```
}
```

```
android {
```

```
    namespace = "com.projectzulaeha"
```

```
    compileSdk = 34
```

```
    defaultConfig {
```

```
        applicationId = "com.projectzulaeha"
```

```
        minSdk = 21
```

```
targetSdk = 33
```

```
versionCode = 1
```

```
versionName = "1.0"
```

```
testInstrumentationRunner = "androidx.test.runner.AndroidJUnitRunner"
```

```
}
```

```
buildTypes {
```

```
    release {
```

```
        isMinifyEnabled = false
```

```
        proguardFiles(getDefaultProguardFile("proguard-android-optimize.txt"),  
"proguard-rules.pro")
```

```
    }
```

```
}
```

```
compileOptions {
```

```
    sourceCompatibility = JavaVersion.VERSION_1_8
```

```
    targetCompatibility = JavaVersion.VERSION_1_8
```

```
}
```

```
buildToolsVersion = "34.0.0"
```

```
}
```

```
dependencies {  
  
    val fragment_version = "1.6.1"  
  
    implementation("androidx.appcompat:appcompat:1.6.1")  
  
    implementation("com.google.android.material:material:1.10.0")  
  
    implementation("androidx.constraintlayout:constraintlayout:2.1.4")  
  
    testImplementation("junit:junit:4.13.2")  
  
    androidTestImplementation("androidx.test.ext:junit:1.1.5")  
  
    androidTestImplementation("androidx.test.espresso:espresso-core:3.5.1")  
  
    implementation("androidx.fragment:fragment:$fragment_version")  
  
}
```

...

- Setelah itu klik **Sync now**

❖ **AndroidManifest.xml**

- Lengkapi code ini pada **AndroidManifest.xml** yang sudah berisikan dengan code-code di project sebelumnya.

...

```
<activity android:name=".VideoPlayerActivity" />
```

...

❖ **Java**

=> Pada `MainActivity.java` saya melakukan penambahan code, yaitu isi code keseluruhannya adalah :

- `MainAcitivity.java`

...

```
package com.projectzulaeha;
```

```
import android.annotation.SuppressLint;
```

```
import android.content.Intent;
```

```
import android.net.Uri;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    @SuppressWarnings("MissingInflatedId")
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
setContentView(R.layout.activity_main);
```

```
findViewById(R.id.cdMenu5).setOnClickListener(new View.OnClickListener()  
{  
  
    @Override  
  
    public void onClick(View v) {  
  
        setAlarm();  
  
    }  
  
});
```

```
findViewById(R.id.cdMenu1).setOnClickListener(new View.OnClickListener()  
{  
  
    @Override  
  
    public void onClick(View v) {  
  
        // Ketika tombolSatu ditekan, pindah ke HelloActivity  
  
        Intent helloworld = new Intent(MainActivity.this, HelloActivity.class);  
  
        startActivity(helloworld);  
  
    }  
  
});
```



```
findViewById(R.id.cdMenu2).setOnClickListener(new View.OnClickListener()
{

    @Override

    public void onClick(View v) {

        // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

        // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

        Intent toast = new Intent(MainActivity.this, CountActivity.class);

        startActivity(toast);

    }

});
```

```
findViewById(R.id.cdMenu3).setOnClickListener(new View.OnClickListener()
{

    @Override

    public void onClick(View v) {

        // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

        // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

        Intent sianida = new Intent(MainActivity.this, SianidaActivity.class);

        startActivity(sianida);

    }

});
```

```

findViewById(R.id.cdMenu4).setOnClickListener(new View.OnClickListener()
{

    @Override

    public void onClick(View v) {

        // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

        // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

        Intent twoactivity = new Intent(MainActivity.this, TwoActivity.class);

        startActivity(twoactivity);

    }

});

```

```

findViewById(R.id.cdMenu7).setOnClickListener(new View.OnClickListener()
{

    @Override

    public void onClick(View v) {

        // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

        // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

        Intent fragmentactivity = new Intent(MainActivity.this,
FragmentActivity.class);

        startActivity(fragmentactivity);

```

```

    }

    });

    findViewById(R.id.cdMenu6).setOnClickListener(new View.OnClickListener()
    {

        @Override

        public void onClick(View v) {

            // Example location: Jakarta, Indonesia

            Uri geoLocation = Uri.parse("geo:-6.2088,106.8456");

            openMaps(geoLocation);

        }

    });

}

```

```

private void setAlarm() {

    Intent alarmIntent = new
Intent(android.provider.AlarmClock.ACTION_SET_ALARM);

    // Add extra details for the alarm, e.g., alarm time, label, etc.

    // alarmIntent.putExtra(...)

    startActivity(alarmIntent);

}

```

```

private void openMaps(Uri geoLocation) {

    Intent maps = new Intent(Intent.ACTION_VIEW);

    maps.setData(geoLocation);

    if (maps.resolveActivity(getPackageManager()) != null) {

        startActivity(maps);

    }

}

}

...

```

> Note : Isi code pada keseluruhan tugas 3 ini tetap sama seperti pada isi code tugas 2 yaitu seperti **Java class** dan untuk **res/layout** hanya sedikit merubah design, pada tugas 3 ini saya hanya mencantumkan dan menjelaskan code-code yang ditambahkan untuk *`Fragment`* saja.

- Untuk package name bisa di sesuaikan dengan package name project kita masing-masing, disini saya melanjutkan dari package name project sebelumnya.

`FragmentActivity.java`

...

```
package com.projectzulaeha;
```

```
import androidx.annotation.NonNull;

import androidx.appcompat.app.AppCompatActivity;

import androidx.fragment.app.Fragment;

import androidx.fragment.app.FragmentManager;

import androidx.fragment.app.FragmentStatePagerAdapter;

import androidx.viewpager2.widget.ViewPager2;


import android.annotation.SuppressLint;

import android.content.Context;

import android.graphics.drawable.ColorDrawable;

import android.os.Bundle;


import com.google.android.material.tabs.TabLayout;


import java.util.Objects;


public class FragmentActivity extends AppCompatActivity {

    TabLayout tabLayout;
```

```
ViewPager2 viewPager2;
```

```
ViewAdapter adapter;
```

```
@SuppressWarnings({"NewApi", "MissingInflatedId"})
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_movie);
```

```
Objects.requireNonNull(getSupportActionBar()).setBackgroundDrawable(new  
ColorDrawable(getColor(R.color.cream)));
```

```
    tabLayout = findViewById(R.id.tab);
```

```
    viewPager2 = findViewById(R.id.view);
```

```
    adapter = new ViewAdapter(this);
```

```
    viewPager2.setAdapter(adapter);
```

```
    tabLayout.addTabSelectedListener(new  
TabLayout.OnTabSelectedListener() {
```

```
        @Override
```

```

        public void onTabSelected(TabLayout.Tab tab) {

            viewPager2.setCurrentItem(tab.getPosition());

        }


        @Override

        public void onTabUnselected(TabLayout.Tab tab) {

        }


        @Override

        public void onTabReselected(TabLayout.Tab tab) {

        }

    });

```

```

class Halaman extends FragmentStatePagerAdapter {

    Context context;

    int jumlah_tab;

    Halaman(Context context, FragmentManager fm, int jml_tab)

```

```
{  
  
    super(fm);  
  
    this.context=context;  
  
    this.jumlah_tab=jml_tab;  
  
}
```

@NonNull

@Override

```
public Fragment getItem(int position){  
  
    switch (position){  
  
        case 0:return new ActionFragment();  
  
        case 1:return new HorrorFragment();  
  
        case 2:return new RomanceFragment();  
  
    }  
  
    return null;  
  
}
```

@Override

```
public int getCount(){  
  
    return jumlah_tab;  
  
}
```



```

    }

}

viewPager2.registerOnPageChangeCallback(new
ViewPager2.OnPageChangeCallback() {

    @Override

    public void onPageSelected(int position) {

        super.onPageSelected(position);

        tabLayout.getTabAt(position).select();

    }

});

}

}

...

```

=> Membuat file fragment dengan cara klik kanan pada `MainActivity.java` lalu pilih dan klik fragment, setelah itu kita pilih dan klik fragment (Blank), setelah itu kita beri nama `ActionFragment`, `HorrorFragment`, `RomanceFragment`. Untuk file fragment sudah sekaligus dengan file layout xml nya (code berada pada bagian res `layout`)

`ActionFragment.java` :

...

```
package com.projectzulaeha;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
import android.util.Log;
```

```
import android.view.LayoutInflater;
```

```
import android.view.Menu;
```

```
import android.view.MenuInflater;
```

```
import android.view.MenuItem;
```

```
import android.view.View;
```

```
import android.view.ViewGroup;
```

```
import android.widget.Button;
```

```
import android.widget.Toast;
```

```
import androidx.fragment.app.Fragment;
```

```
public class ActionFragment extends Fragment {
```

```

private static final String TAG = "ActionFragment";

@Override

public View onCreateView(LayoutInflater inflater, ViewGroup container,
                           Bundle savedInstanceState) {

    // Inflate the layout for this fragment

    setHasOptionsMenu(true);

    View view = inflater.inflate(R.layout.fragment_action, container, false);

    // Find the button by its ID

    Button batmanButton = view.findViewById(R.id.batman);

    Button matrixButton = view.findViewById(R.id.matrix);

    Button raiderButton = view.findViewById(R.id.raider);

    // Set click listener for each button

    batmanButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

            Log.d(TAG, "batman button clicked");

            playVideo(R.raw.batman);

```

```

    }

});

matrixButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "matrix button clicked");

        playVideo(R.raw.matrix);

    }

});

raiderButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "Raider button clicked");

        playVideo(R.raw.Raider);

    }

});

return view;

```

```
}
```

```
@Override
```

```
public void onCreateOptionsMenu(Menu menu, MenuInflater inflater) {
```

```
    inflater.inflate(R.menu.menu_tab, menu);
```

```
}
```

```
@Override
```

```
public boolean onOptionsItemSelected(MenuItem item) {
```

```
    if (item.getItemId() == R.id.tab_action) {
```

```
        Toast.makeText(getActivity(), "Clicked on " + item.getTitle(),  
        Toast.LENGTH_SHORT)
```

```
            .show();
```

```
    }
```

```
    return true;
```

```
}
```

```
private void playVideo(int videoResource) {
```

```
    String videoPath = "android.resource://" + getActivity().getPackageName()  
    + "/" + videoResource;
```

```
    Intent intent = new Intent(getActivity(), VideoPlayerActivity.class);
```

```
        intent.putExtra("VIDEO_PATH", videoPath);

        startActivity(intent);

    }

}

...

```

`HororFragment.java` :

```
...

package com.example.projectzulaeha;

import android.content.Intent;

import android.os.Bundle;

import android.util.Log;

import android.view.LayoutInflater;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.Toast;

```

```
import androidx.fragment.app.Fragment;
```

```
import com.projectzulaeha.R;
```

```
public class HororFragment extends Fragment {
```

```
    private static final String TAG = "HororFragment";
```

```
    @Override
```

```
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
```

```
        Bundle savedInstanceState) {
```

```
        // Inflate the layout for this fragment
```

```
        setHasOptionsMenu(true);
```

```
        View view = inflater.inflate(R.layout.fragment_horor, container, false);
```

```
        // Find the button by its ID
```

```
        Button waktumaghribButton = view.findViewById(R.id.waktumaghrib);
```

```
        Button pengabdiButton = view.findViewById(R.id.pengabdi);
```

```
Button sewudinoButton = view.findViewById(R.id.sewudino);
```

```
// Set click listener for each button
```

```
waktumaghribButton.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
```

```
        Log.d(TAG, "WaktuMaghrib button clicked");
```

```
        playVideo(R.raw.filmwaktumaghrib);
```

```
    }
```

```
});
```

```
pengabdiButton.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
```

```
        Log.d(TAG, "Pengabdi button clicked");
```

```
        playVideo(R.raw.filmpegabdi);
```

```
    }
```

```
});
```

```
sewudinoButton.setOnClickListener(new View.OnClickListener() {
```



```
@Override

public void onClick(View v) {

    Log.d(TAG, "Sewudino button clicked");

    playVideo(R.raw.filmsewu);

}

});

return view;

}
```

```
@Override

public void onCreateOptionsMenu(Menu menu, MenuInflater inflater) {

    inflater.inflate(R.menu.menu_tab, menu);

}
```

```
@Override

public boolean onOptionsItemSelected(MenuItem item) {

    if (item.getItemId() == R.id.tab_horor) {

        Toast.makeText(getActivity(), "Clicked on " + item.getTitle(),
Toast.LENGTH_SHORT)

        .show();

    }

}
```

```

    }

    return true;
}

private void playVideo(int videoResource) {

    String videoPath = "android.resource://" + getActivity().getPackageName()
+ "/" + videoResource;

    Intent intent = new Intent(getActivity(), VideoPlayerActivity.class);

    intent.putExtra("VIDEO_PATH", videoPath);

    startActivity(intent);

}
}

```

...

`RomanceFragment.java` :

...

```
package com.example.projectzulaeha;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
import android.util.Log;

import android.view.LayoutInflater;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.Toast;


import androidx.fragment.app.Fragment;


import com.example.projectzulaeha.VideoPlayerActivity;

import com.projectzulaeha.R;


public class RomanceFragment extends Fragment {


    private static final String TAG = "RomanceFragment";
```

```

@Override

public View onCreateView(LayoutInflater inflater, ViewGroup container,

                           Bundle savedInstanceState) {

    // Inflate the layout for this fragment

    setHasOptionsMenu(true);

    View view = inflater.inflate(R.layout.fragment_romance, container, false);

    // Find the button by its ID

    Button dearnathanButton = view.findViewById(R.id.dearnathan);

    Button dilanButton = view.findViewById(R.id.dilan);

    Button foreverButton = view.findViewById(R.id.forever);

    // Set click listener for each button

    dearnathanButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

            Log.d(TAG, "DearNathan button clicked");

            playVideo(R.raw.filndearnathan);

        }

    });

```

```
dilanButton.setOnClickListener(new View.OnClickListener() {  
  
    @Override  
  
    public void onClick(View v) {  
  
        Log.d(TAG, "Dilan button clicked");  
  
        playVideo(R.raw.filmdilan);  
  
    }  
  
});
```

```
foreverButton.setOnClickListener(new View.OnClickListener() {  
  
    @Override  
  
    public void onClick(View v) {  
  
        Log.d(TAG, "Forever button clicked");  
  
        playVideo(R.raw.filmforever);  
  
    }  
  
});
```

```
return view;  
  
}
```

```
@Override
```

```
public void onCreateOptionsMenu(Menu menu, MenuInflater inflater) {
```

```
    inflater.inflate(R.menu.menu_tab, menu);
```

```
}
```

```
@Override
```

```
public boolean onOptionsItemSelected(MenuItem item) {
```

```
    if (item.getItemId() == R.id.tab_romance) {
```

```
        Toast.makeText(getActivity(), "Clicked on " + item.getTitle(),  
        Toast.LENGTH_SHORT)
```

```
            .show();
```

```
    }
```

```
    return true;
```

```
}
```

```
private void playVideo(int videoResource) {
```

```
    String videoPath = "android.resource://" + getActivity().getPackageName()  
+ "/" + videoResource;
```

```
    Intent intent = new Intent(getActivity(), VideoPlayerActivity.class);
```

```
    intent.putExtra("VIDEO_PATH", videoPath);
```

```
    startActivity(intent);
```

```
}  
  
}  
  
...
```

=> Lalu buat java class dengan nama `ViewAdapter.java`, yang berisi code :

```
...
```

```
package com.projectzulaeha;
```

```
import androidx.annotation.NonNull;
```

```
import androidx.fragment.app.Fragment;
```

```
import androidx.fragment.app.FragmentActivity;
```

```
import androidx.viewpager2.adapter.FragmentStateAdapter;
```

```
public class ViewAdapter extends FragmentStateAdapter {
```

```
    public ViewAdapter(@NonNull FragmentActivity fragmentActivity) {
```

```
        super(fragmentActivity);
```

```
    }
```

```
@NonNull
```

```
@Override
```

```
public Fragment createFragment(int position) {  
  
    switch (position){  
  
        case 0:  
  
            return new ActionFragment();  
  
        case 1:  
  
            return new HorrorFragment();  
  
        case 2:  
  
            return new RomanceFragment();  
  
        default:  
  
            return new ActionFragment();  
  
    }  
  
}
```

```
@Override
```

```
public int getItemCount() {  
  
    return 3;  
  
}  
  
}  
  
...
```


=> Setelah itu membuat java class untuk memutar video dengan nama ``VideoPlayerActivity.java``, yang berisi code :

...

```
package com.projectzulaeha;
```

```
import android.content.pm.ActivityInfo;
```

```
import android.net.Uri;
```

```
import android.os.Bundle;
```

```
import android.view.Menu;
```

```
import android.view.MenuItem;
```

```
import android.view.View;
```

```
import android.view.ViewGroup;
```

```
import android.widget.MediaController;
```

```
import android.widget.RelativeLayout;
```

```
import android.widget.VideoView;
```

```
import androidx.annotation.NonNull;
```

```
import androidx.annotation.Nullable;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
public class VideoPlayerActivity extends AppCompatActivity {

    private VideoView videoView; // Deklarasi VideoView sebagai variabel global

    private int originalOrientation;

    @Override

    protected void onCreate(@Nullable Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_video_player);

        // Get the video URI from the intent

        String videoPath = getIntent().getStringExtra("VIDEO_PATH");

        Uri uri = Uri.parse(videoPath);

        // Set up VideoView

        videoView = findViewById(R.id.videoView); // Inisialisasi variabel videoView

        videoView.setVideoURI(uri);

        // Set up MediaController

        MediaController mediaController = new MediaController(this);
```

```
mediaController.setAnchorView(videoView);

videoView.setMediaController(mediaController);


// Start playing the video

videoView.start();


// Get the original orientation

originalOrientation = getResources().getConfiguration().orientation;


// Adjust video layout based on the original orientation

adjustVideoLayout(originalOrientation);
}


@Override

protected void onResume() {

    super.onResume();

    // Detect orientation changes and adjust VideoView layout

    int currentOrientation = getResources().getConfiguration().orientation;

    if (currentOrientation != originalOrientation) {

        adjustVideoLayout(currentOrientation);
    }
}
```

```
        originalOrientation = currentOrientation;

    }

}
```

```
private void adjustVideoLayout(int orientation) {

    if (orientation == ActivityInfo.SCREEN_ORIENTATION_LANDSCAPE ||

        orientation ==
ActivityInfo.SCREEN_ORIENTATION_REVERSE_LANDSCAPE) {

        // Landscape mode

        setFullscreen(true);

    } else {

        // Portrait or other orientations

        setFullscreen(false);

    }

}
```

```
private void setFullscreen(boolean fullscreen) {

    if (fullscreen) {

        // Hide action bar

        if (getSupportActionBar() != null) {

            getSupportActionBar().hide();

        }

    }

}
```

```

    }

    // Set VideoView layout parameters for fullscreen

    RelativeLayout.LayoutParams params = new
RelativeLayout.LayoutParams(

        ViewGroup.LayoutParams.MATCH_PARENT,

        ViewGroup.LayoutParams.MATCH_PARENT

    );

    params.addRule(RelativeLayout.CENTER_IN_PARENT);

    videoView.setLayoutParams(params);

    // Hide navigation bar and status bar

    getWindow().getDecorView().setSystemUiVisibility(

        View.SYSTEM_UI_FLAG_FULLSCREEN |

        View.SYSTEM_UI_FLAG_HIDE_NAVIGATION |

        View.SYSTEM_UI_FLAG_IMMERSIVE_STICKY);

} else {

    // Show action bar

    if (getSupportActionBar() != null) {

        getSupportActionBar().show();

    }

```

```

        // Set VideoView layout parameters for normal mode

        RelativeLayout.LayoutParams params = new
RelativeLayout.LayoutParams(

            ViewGroup.LayoutParams.MATCH_PARENT,

            ViewGroup.LayoutParams.WRAP_CONTENT

        );

        params.addRule(RelativeLayout.CENTER_IN_PARENT);

        videoView.setLayoutParams(params);


        // Show navigation bar and status bar

        getWindow().getDecorView().setSystemUiVisibility(

            View.SYSTEM_UI_FLAG_VISIBLE);

    }

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

    getMenuInflater().inflate(R.menu.menu_video_player, menu);

    return true;

}

```

```

@Override

public boolean onOptionsItemSelected(@NonNull MenuItem item) {

    if (item.getItemId() == R.id.action_back) {

        // Tambahkan logika untuk kembali ke halaman sebelumnya atau finish
        activity

        finish();

        return true;

    }

    return super.onOptionsItemSelected(item);

}

}

...

```

❖ res

=> Pada bagian `Drawable` saya menambahkan ***Drawable Resource File*** dengan nama `bg_cardview.xml`, yang berisikan code :

```

...

<!-- cardview_pressed_effect.xml -->

```

```
<selector xmlns:android="http://schemas.android.com/apk/res/android">
```

```
  <item android:state_pressed="true">
```

```
    <shape android:shape="rectangle">
```

```
      <!-- Ganti warna latar belakang yang diinginkan saat CardView ditekan -->
```

```
      <solid android:color="#F6F7F9" />
```

```
      <corners android:radius="20dp"/>
```

```
    </shape>
```

```
  </item>
```

```
  <item>
```

```
    <!-- Warna latar belakang default saat tidak ditekan -->
```

```
    <shape android:shape="rectangle">
```

```
      <solid android:color="#008BD7EE" />\
```

```
    </shape>
```

```
  </item>
```

```
</selector>
```

```
...
```

```
=> `values`
```


- `colors.xml` :

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<resources>
```

```
    <color name="black">#FF000000</color>
```

```
    <color name="white">#FFFFFFF</color>
```

```
    <color name="blue">#3700B3</color>
```

```
    <color name="pink">#FFC0CB</color>
```

```
    <color name="colorPrimary">#3F5185</color>
```

```
    <color name="colorPrimaryDark">#303F9F</color>
```

```
    <color name="colorAccent">#FF4081</color>
```

```
    <color name="salem">#F8C6E6</color>
```

```
    <color name ="purple">#E3A2ED</color>
```

```
    <color name="biru">#8FC2EA</color>
```

```
    <color name="hijaumuda">#C2E69C</color>
```

```
    <color name="coklat">#65362c</color>
```

```
    <color name="abu">#B0B0B2</color>
```

```
    <color name="tosca">#70AE98</color>
```

```
    <color name="soft">#AED9EA</color>
```

```
    <color name="pastel">#5E96AE</color>
```

```
</resources>
```

```
...
```

=> `strings.xml` (tambahkan code strings.xml dibawah ini dengan code strings.xml pada project sebelumnya yaitu tugas 2) :

```
...
```

```
<resources>
```

```
    <string name="app_name">ProjectZulaeha</string>
```

```
    <string name="Hello_World">Hello World!!</string>
```

```
    <string name="button_main">Send</string>
```

```
    <string name="editText_main">Enter Your Message Here</string>
```

```
    <string name="text_header">Message Received</string>
```

```
    <string name="buttton_second">Reply</string>
```

```
    <string name="editText_second">Enter Your Reply Here</string>
```

```
    <string name="text_header_reply">Reply Received</string>
```

```
    <string name="button_label_toast">Toast</string>
```

```
    <string name="button_label_count">Count</string>
```

```
    <string name="count_initial_value">1</string>
```

```
    <string name="toast_message">Hello Toast!</string>
```

<string name="button_label_restart">Restart</string>

<string name="enter_fibonacci_limit">Masukkan Angka Limit</string>

<string name="article_title"> Kasus Sianida</string>

<string name="article_subtitle">ICE COLD!</string>

<string name="article_text"> Film dokumenter Ice Cold: Murder, Coffee and Jessica Wongso memaparkan pertanyaan tak terjawab tentang persidangan yang dilalui Jessica Wongso. Dengan menyajikan perspektif baru, film ini hadir bertahun-tahun setelah kematian sahabat Jessica, Wayan Mirna Salihin.

Film ini menggambarkan bagaimana Jessica yang mengajak teman-temannya, termasuk Mirna, untuk bertemu setelah sekian lama tak berjumpa. Pertemuan di salah satu kafe di mal ibu kota tersebut pun berlangsung lancar, sebelum akhirnya Mirna pingsan sesaat setelah meminum kopi yang sebelumnya dipesan Jessica. Dokumenter ini turut menyajikan rekaman CCTV pada waktu kejadian, berbagai footage berita saat persidangan berlangsung, hingga wawancara eksklusif dengan beberapa sumber, termasuk Jessica Wongso.

Persidangan atas dugaan pembunuhan Mirna Salihin digelar lima bulan setelah kematiannya. Sidang tersebut melalui 32 kali persidangan dengan

menghadirkan puluhan saksi di pengadilan. Hasilnya, Jessica Wongso divonis bersalah atas kematian Mirna dan dijatuhi hukuman 20 tahun penjara.

Kasus yang berjalan cukup lama tersebut menyita banyak perhatian dari masyarakat Indonesia. Musababnya, banyak misteri tak terjawab selama rangkaian persidangan yang panjang tersebut. Salah satunya adalah mengenai akses untuk mendapatkan bubuk sianida yang tidak bisa didapatkan oleh orang sembarangan. Selain itu, motif Jessica di balik pembunuhan tersebut pun belum menemukan jawabannya.

Film dokumenter buatan Netflix ini menyoroti rangkaian persidangan yang saat itu menjadi sidang pertama yang disiarkan secara langsung di berbagai stasiun televisi Indonesia. Selain itu, kasus ini juga diliput secara intens oleh media massa, baik nasional maupun internasional. Tak hanya itu, pihak rumah produksi Beach House Pictures juga berhasil mendapatkan akses untuk mewawancarai Jessica Wongso secara langsung dari balik tahanan. Dalam video trailer yang diluncurkannya, ditampilkan juga sejumlah wawancara eksklusif yang dilakukan dengan beberapa narasumber. Mulai dari ayah dan saudara kembar Mirna Salihin, pengacara Jessica Wongso, jurnalis yang mendalami kasus tersebut, hingga bagaimana saat itu kasus ini begitu ramai diberitakan oleh media massa Indonesia dan internasional.</string>

<!-- TODO: Remove or change this placeholder text -->

<string name="hello_blank_fragment">Hello blank fragment</string>

```
</resources>
```

```
...
```

```
=> `themes`
```

- `themes.xml` dan `themes.xml(night)` (sama isi code nya) :

```
...
```

```
<resources xmlns:tools="http://schemas.android.com/tools">
```

```
    <!-- Base application theme. -->
```

```
    <style name="SplashScreen"
```

```
        parent="Theme.MaterialComponents.DayNight.NoActionBar">
```

```
        <item name="android:windowBackground">@drawable/bgkata3</item>
```

```
        <item name="android:statusBarColor">@color/soft</item>
```

```
    </style>
```

```
    <!-- Base application theme. -->
```

```
    <style name="Base.Theme.ProjectZulaeha."
```

```
        parent="Theme.MaterialComponents.DayNight.DarkActionBar">
```

```
        <!-- Primary brand color. -->
```

```
        <item name="colorPrimary">@color/colorPrimary</item>
```

```
        <item name="colorPrimaryVariant">@color/purple</item>
```

```
        <item name="colorOnPrimary">@color/white</item>
```

```

<!-- Secondary brand color. -->

<item name="colorSecondary">@color/purple</item>

<item name="colorSecondaryVariant">@color/hijaumuda</item>

<item name="colorOnSecondary">@color/black</item>

<!-- Status bar color. -->

<item name="android:statusBarColor">@color/purple</item>

<item name="android:navigationBarColor">@color/purple</item>

<!-- Customize your light theme here. -->

</style>

<style name="Theme.TabExperiment" parent="Base.Theme.ProjectZulaeha."
/>

</resources>

...

```

=> Untuk menambahkan video pada Android Studio disini saya memakai ``res/raw/video_kita.mp4``, yaitu caranya yang pertama kita klik kanan terlebih dahulu di bagian ``res`` lalu kita pilih dan klik ``new`` lalu pilih dan klik bagian ``Android Resource Directory``, setelah itu ada bagian ``Resource type`` kita pilih ``raw`` lalu kita klik OK. Lalu setelah itu langsung saja kita copy paste video yang kita ingin masukkan ke dalam project kita ke dalam ``raw``.

=> `layout`

=> Pada `activity_main.xml` saya melakukan penambahan dan perubahan code untuk design nya, yaitu isi code keseluruhannya adalah :

`activity_main.xml`

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<ScrollView
```

```
    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="@drawable/bgscreen"
```

```
    tools:context="com.example.projectzulaeha.MainActivity">
```

```
        <RelativeLayout
```

```
            android:layout_width="match_parent"
```

```
            android:layout_height="wrap_content">
```

```
                <TextView
```

```
android:id="@+id/title_view"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_centerHorizontal="true"

android:text="Menu Program"

android:fontFamily="serif"

android:textColor="@color/black"

android:textStyle="bold"

android:textSize="35sp"

android:layout_marginTop="35dp"/>
```

<GridLayout

```
android:layout_width="match_parent"

android:layout_height="match_parent"

android:layout_below="@+id/title_view"

android:layout_marginStart="35dp"

android:layout_marginTop="45dp"

android:layout_marginEnd="40dp"

android:layout_marginBottom="35dp"

android:columnCount="10"
```



```
android:rowCount="10">
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu1"
```

```
    android:layout_width="80dp"
```

```
    android:layout_height="100dp"
```

```
    android:layout_row="0"
```

```
    android:layout_rowWeight="1"
```

```
    android:layout_column="0"
```

```
    android:layout_columnWeight="1"
```

```
    android:layout_gravity="fill"
```

```
    android:layout_margin="8dp"
```

```
    app:cardCornerRadius="8dp"
```

```
    app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_gravity="center_vertical|center_horizontal"
```

```
    android:gravity="center"
```

```
android:orientation="vertical">
```

```
<ImageView
```

```
    android:layout_width="50dp"
```

```
    android:layout_height="50dp"
```

```
    android:src="@drawable/iconhello" />
```

```
<TextView
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginTop="10dp"
```

```
    android:fontFamily="sans-serif"
```

```
    android:text="HELLO WORLD!"
```

```
    android:textAlignment="center"
```

```
    android:textColor="@color/black"
```

```
    android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
android:id="@+id/cdMenu2"

android:layout_width="80dp"

android:layout_height="100dp"

android:layout_row="0"

android:layout_rowWeight="1"

android:layout_column="1"

android:layout_columnWeight="1"

android:layout_gravity="fill"

android:layout_margin="8dp"

app:cardCornerRadius="8dp"

app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_gravity="center_vertical|center_horizontal"

    android:gravity="center"

    android:orientation="vertical">
```

```
<ImageView
```

```
        android:layout_width="50dp"

        android:layout_height="50dp"

        android:src="@drawable/iconcont" />
```

```
<TextView
```

```
        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginTop="10dp"

        android:fontFamily="serif"

        android:text="FIBONACCI"

        android:textAlignment="center"

        android:textColor="@color/black"

        android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
        android:id="@+id/cdMenu3"

        android:layout_width="80dp"

        android:layout_height="100dp"
```

```
android:layout_row="1"

android:layout_rowWeight="1"

android:layout_column="0"

android:layout_columnWeight="1"

android:layout_gravity="fill"

android:layout_margin="8dp"

app:cardCornerRadius="8dp"

app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_gravity="center_vertical|center_horizontal"

    android:gravity="center"

    android:orientation="vertical">
```

```
<ImageView
```

```
    android:layout_width="60dp"

    android:layout_height="50dp"

    android:src="@drawable/iconscroll" />
```

```
<TextView
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginTop="10dp"
```

```
    android:fontFamily="serif"
```

```
    android:text="SCROLLING"
```

```
    android:textAlignment="center"
```

```
    android:textColor="@color/black"
```

```
    android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu4"
```

```
    android:layout_width="80dp"
```

```
    android:layout_height="100dp"
```

```
    android:layout_row="1"
```

```
    android:layout_rowWeight="1"
```

```
    android:layout_column="1"
```

```
android:layout_columnWeight="1"
```

```
android:layout_gravity="fill"
```

```
android:layout_margin="8dp"
```

```
app:cardCornerRadius="8dp"
```

```
app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_gravity="center_vertical|center_horizontal"
```

```
    android:gravity="center"
```

```
    android:orientation="vertical">
```

```
<ImageView
```

```
    android:layout_width="50dp"
```

```
    android:layout_height="50dp"
```

```
    android:src="@drawable/iconactivity" />
```

```
<TextView
```

```
    android:layout_width="wrap_content"
```

android:layout_height="wrap_content"

android:layout_marginTop="10dp"

android:fontFamily="serif"

android:text="TWO ACTIVITY"

android:textAlignment="center"

android:textColor="@color/black"

android:textStyle="bold" />

</LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

android:id="@+id/cdMenu5"

android:layout_width="80dp"

android:layout_height="100dp"

android:layout_row="2"

android:layout_rowWeight="1"

android:layout_column="0"

android:layout_columnWeight="1"

android:layout_gravity="fill"

android:layout_margin="8dp"


```
app:cardCornerRadius="8dp"
```

```
app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_gravity="center_vertical|center_horizontal"
```

```
    android:gravity="center"
```

```
    android:orientation="vertical">
```

```
<ImageView
```

```
    android:layout_width="90dp"
```

```
    android:layout_height="50dp"
```

```
    android:src="@drawable/iconalarm" />
```

```
<TextView
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginTop="10dp"
```

```
    android:fontFamily="serif"
```

```
        android:text="ALARM"
```

```
        android:textAlignment="center"
```

```
        android:textColor="@color/black"
```

```
        android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu6"
```

```
    android:layout_width="80dp"
```

```
    android:layout_height="100dp"
```

```
    android:layout_row="2"
```

```
    android:layout_rowWeight="1"
```

```
    android:layout_column="1"
```

```
    android:layout_columnWeight="1"
```

```
    android:layout_gravity="fill"
```

```
    android:layout_margin="8dp"
```

```
    app:cardCornerRadius="8dp"
```

```
    app:cardElevation="8dp">
```

<LinearLayout

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_gravity="center_vertical|center_horizontal"

android:gravity="center"

android:orientation="vertical">

<ImageView

android:layout_width="50dp"

android:layout_height="50dp"

android:src="@drawable/iconmap" />

<TextView

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginTop="10dp"

android:fontFamily="serif"

android:text="MAPS"

android:textAlignment="center"

android:textColor="@color/black"

```
        android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu7"
```

```
    android:layout_width="80dp"
```

```
    android:layout_height="100dp"
```

```
    android:layout_row="3"
```

```
    android:layout_rowWeight="1"
```

```
    android:layout_column="0"
```

```
    android:layout_columnWeight="1"
```

```
    android:layout_gravity="fill"
```

```
    android:layout_margin="8dp"
```

```
    app:cardCornerRadius="8dp"
```

```
    app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

android:layout_gravity="center_vertical|center_horizontal"

android:gravity="center"

android:orientation="vertical">

<ImageView

android:layout_width="50dp"

android:layout_height="50dp"

android:src="@drawable/iconscrollmovie" />

<TextView

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginTop="10dp"

android:fontFamily="serif"

android:text="MOVIES"

android:textAlignment="center"

android:textColor="@color/black"

android:textStyle="bold" />

</LinearLayout>

</androidx.cardview.widget.CardView>

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cdMenu8"
```

```
    android:layout_width="80dp"
```

```
    android:layout_height="100dp"
```

```
    android:layout_row="3"
```

```
    android:layout_rowWeight="1"
```

```
    android:layout_column="1"
```

```
    android:layout_columnWeight="1"
```

```
    android:layout_gravity="fill"
```

```
    android:layout_margin="8dp"
```

```
    app:cardCornerRadius="8dp"
```

```
    app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_gravity="center_vertical|center_horizontal"
```

```
    android:gravity="center"
```

```
    android:orientation="vertical">
```

```
<ImageView  
  
    android:layout_width="50dp"  
  
    android:layout_height="50dp"  
  
    android:src="@drawable/iconempty" />
```

```
<TextView  
  
    android:layout_width="wrap_content"  
  
    android:layout_height="wrap_content"  
  
    android:layout_marginTop="10dp"  
  
    android:fontFamily="serif"  
  
    android:text="EMPTY"  
  
    android:textAlignment="center"  
  
    android:textColor="@color/black"  
  
    android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
</GridLayout>
```

```
<TextView

    android:id="@+id/bottom_text"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginBottom="35dp"

    android:layout_alignParentBottom="true"

    android:layout_centerHorizontal="true"

    android:fontFamily="monospace"

    android:text="© 2024 Zulaeha"

    android:textColor="@color/black"

    android:textSize="15sp"

    android:textStyle="bold" />
```

```
</RelativeLayout>
```

```
</ScrollView>
```

```
...
```

```
`activity_movie.xml`
```

```
...
```



```
<?xml version="1.0" encoding="utf-8"?>
```

```
<androidx.constraintlayout.widget.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"
```

```
android:background="@color/white"
```

```
tools:context=".FragmentActivity">
```

```
<com.google.android.material.tabs.TabLayout
```

```
android:id="@+id/tab"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```

```
android:background="@color/choco"
```

```
app:tabSelectedTextColor="@color/white"
```

```
app:tabIndicatorColor="@color/white"
```

```
tools:layout_editor_absoluteX="1dp"
```

```
tools:layout_editor_absoluteY="3dp"
```

```
tools:ignore="MissingConstraints">
```

```
<com.google.android.material.tabs.TabItem  
  
    android:layout_width="wrap_content"  
  
    android:layout_height="wrap_content"  
  
    android:text="Action"  
  
    tools:layout_editor_absoluteX="0dp"  
  
    tools:layout_editor_absoluteY="3dp" />
```

```
<com.google.android.material.tabs.TabItem  
  
    android:layout_width="wrap_content"  
  
    android:layout_height="wrap_content"  
  
    android:text="Horor" />
```

```
<com.google.android.material.tabs.TabItem  
  
    android:layout_width="wrap_content"  
  
    android:layout_height="wrap_content"  
  
    android:text="Romance" />  
  
</com.google.android.material.tabs.TabLayout>
```

```
<androidx.viewpager2.widget.ViewPager2
```

```
    android:id="@+id/view"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:layout_marginTop="50dp"

    android:background="@color/white"

    tools:layout_editor_absoluteX="1dp"

    tools:layout_editor_absoluteY="52dp" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
...
```

```
`activity_video_player.xml`
```

```
...
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent">
```

```
<VideoView
```

```
    android:id="@+id/videoView"
```

```
        android:layout_width="match_parent"
```

```
        android:layout_height="match_parent"/>
```

```
</RelativeLayout>
```

```
...
```

```
`fragment_action.xml`
```

```
...
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    xmlns:tools="http://schemas.android.com/tools"
```

```
    android:padding="25dp"
```

```
    tools:context="com.example.projectzulaeha.ActionFragment">
```

```
    <TextView
```

```
        android:id="@+id/tvTitle"
```

```
        android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content"
```

```
        android:layout_toRightOf="@id/imgMovie"
```

android:layout_marginStart="16dp"

android:textSize="16sp"

android:textColor="@color/black"

android:text="THE DARK KNIT"/>

<TextView

android:id="@+id/Deskription"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/tvTitle"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_marginStart="15dp"

android:layout_marginTop="10dp"

android:maxLines="5"

android:textColor="@color/black"

android:text="Batman has a new enemy, the Joker, a criminal mastermind
whose ambition is to destroy Gotham City. Batman must fight to stop him
before it's too late."/>

<Button

android:id="@+id/batman"

```
android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_below="@id/Deskription"

android:layout_marginStart="9dp"

android:layout_marginTop="2dp"

android:layout_toRightOf="@id/imgMovie"

android:onClick="playBatmanTrailer"

android:text="Watch Trailer Now" />
```

```
<ImageView
```

```
    android:id="@+id/imgMovie"

    android:layout_width="150dp"

    android:layout_height="170dp"

    android:src="@drawable/filmaction" />
```

```
<TextView
```

```
    android:id="@+id/tvTitle2"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginStart="16dp"
```

```
android:layout_marginLeft="12dp"

android:layout_marginTop="200dp"

android:layout_toRightOf="@id/imgMovie2"

android:text="MATRIX"

android:textColor="@color/black"

android:textSize="16sp" />
```

```
<TextView
```

```
    android:id="@+id/Deskription2"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_below="@id/tvTitle"

    android:layout_marginStart="16dp"

    android:layout_marginLeft="13dp"

    android:layout_marginTop="212dp"

    android:layout_toRightOf="@id/imgMovie2"

    android:maxLines="5"

    android:text="Thomas, an evil computer programmer and hacker, is led to
fight an underground war against the powerful computers that now rule the
world."

    android:textColor="@color/black" />
```

<ImageView

android:id="@+id/imgMovie2"

android:layout_width="150dp"

android:layout_height="170dp"

android:layout_marginTop="200dp"

android:src="@drawable/action2" />

<Button

android:id="@+id/matrix"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginStart="9dp"

android:layout_marginTop="2dp"

android:layout_toRightOf="@id/imgMovie2"

android:layout_below="@id/Deskription2"

android:text="Watch Trailer Now"

android:onClick="playMatrixTrailer"/>

<ImageView


```
android:id="@+id/imgMovie3"

android:layout_width="150dp"

android:layout_height="170dp"

android:layout_marginTop="400dp"

android:src="@drawable/action3"/>
```

```
<TextView
```

```
    android:id="@+id/tvTitle3"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginStart="16dp"

    android:layout_marginLeft="14dp"

    android:layout_marginTop="400dp"

    android:layout_toRightOf="@id/imgMovie3"

    android:text="TOMB RAIDER"

    android:textColor="@color/black"

    android:textSize="16sp" />
```

```
<TextView
```

```
    android:id="@+id/Deskription3"
```

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_below="@id/tvTitle"

android:layout_marginStart="16dp"

android:layout_marginLeft="16dp"

android:layout_marginTop="403dp"

android:layout_toRightOf="@id/imgMovie3"

android:maxLines="5"

android:text="Hoping to solve the mystery of her father's disappearance, Lara Croft, the daughter of an eccentric adventurer, embarks on a dangerous adventure in her father's final destination."

android:textColor="@color/black" />

<Button

android:id="@+id/raider"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_below="@id/Deskription3"

android:layout_marginStart="9dp"

android:layout_marginTop="2dp"

android:layout_toRightOf="@id/imgMovie3"

```
        android:onClick="playRaiderTrailer"
```

```
        android:text="Watch Trailer Now" />
```

```
</RelativeLayout>
```

```
...
```

```
`fragment_horor.xml`
```

```
...
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
```

```
        android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content"
```

```
        xmlns:tools="http://schemas.android.com/tools"
```

```
        android:padding="25dp">
```

```
        <ImageView
```

```
            android:id="@+id/imgMovie"
```

```
            android:layout_width="150dp"
```

```
            android:layout_height="170dp"
```

```
            android:src="@drawable/filmhoror"/>
```

<TextView

```
    android:id="@+id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_marginStart="16dp"

    android:textSize="16sp"

    android:textColor="@color/black"

    android:text="WAKTU MAGHRIB"/>
```

<TextView

```
    android:id="@+id/Deskription"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_below="@id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginStart="16dp"

    android:layout_marginTop="10dp"

    android:maxLines="5"

    android:textColor="@color/black"
```

android:text="This film raises a myth that is believed by the majority of Indonesian people, namely about the sacred time of Maghrib. If you are still outside the house, children will be kidnapped by ghosts. "

/>

<Button

android:id="@+id/waktumaghrib"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginStart="9dp"

android:layout_marginTop="2dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskription"

android:text="Watch Trailer Now"

android:onClick="playWaktuMaghribTrailer"/>

<ImageView

android:id="@+id/imgMovie2"

android:layout_width="150dp"

android:layout_height="170dp"

android:layout_marginTop="200dp"

```
android:src="@drawable/horor2"/>
```

```
<TextView
```

```
    android:id="@+id/tvTitle2"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_toRightOf="@id/imgMovie"
```

```
    android:layout_marginStart="16dp"
```

```
    android:layout_marginTop="200dp"
```

```
    android:textSize="16sp"
```

```
    android:textColor="@color/black"
```

```
    android:text="PENGABDI SETAN "/>
```

```
<TextView
```

```
    android:id="@+id/Deskripsi2"
```

```
    android:layout_toRightOf="@id/imgMovie"
```

```
    android:layout_below="@id/tvTitle"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginStart="16dp"
```

```
android:layout_marginTop="210dp"
```

```
android:maxLines="5"
```

```
android:textColor="@color/black"
```

```
    android:text="The lives of Rini, her sister and father did not run normally  
while in the apartment because the mother still had a pact with Satan which  
disrupted their family life." />
```

```
<Button
```

```
    android:id="@+id/pengabdi"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginStart="9dp"
```

```
    android:layout_marginTop="2dp"
```

```
    android:layout_toRightOf="@id/imgMovie"
```

```
    android:layout_below="@id/Deskription2"
```

```
    android:text="Watch Trailer Now"
```

```
    android:onClick="playPengabdiTrailer"/>
```

```
<ImageView
```

```
    android:id="@+id/imgMovie3"
```

```
    android:layout_width="150dp"
```

```
    android:layout_height="170dp"
```

```
android:layout_marginTop="400dp"
```

```
android:src="@drawable/horor5"/>
```

```
<TextView
```

```
android:id="@+id/tvTitle3"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```

```
android:layout_toRightOf="@id/imgMovie"
```

```
android:layout_marginStart="16dp"
```

```
android:layout_marginTop="400dp"
```

```
android:textSize="16sp"
```

```
android:textColor="@color/black"
```

```
android:text="SEWU DINO"/>
```

```
<TextView
```

```
android:id="@+id/Deskription3"
```

```
android:layout_toRightOf="@id/imgMovie"
```

```
android:layout_below="@id/tvTitle"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```



```
android:layout_marginStart="16dp"
```

```
android:layout_marginTop="410dp"
```

```
android:maxLines="5"
```

```
android:textColor="@color/black"
```

```
    android:text="The film Sewu Dino tells the story of a village girl named Sri  
    who is looking for work and needs a lot of money to take care of her sick  
    father."/>
```

```
<Button
```

```
    android:id="@+id/sewudino"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_marginStart="9dp"
```

```
    android:layout_marginTop="2dp"
```

```
    android:layout_toRightOf="@id/imgMovie"
```

```
    android:layout_below="@id/Deskription3"
```

```
    android:text="Watch Trailer Now"
```

```
    android:onClick="playSewuTrailer"/>
```

```
</RelativeLayout>
```

```
...
```

`fragment_romance.xml`

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
    xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:padding="25dp">
```

```
    <ImageView
```

```
        android:id="@+id/imgMovie"
```

```
        android:layout_width="150dp"
```

```
        android:layout_height="170dp"
```

```
        android:src="@drawable/filmromance"/>
```

```
    <TextView
```

```
        android:id="@+id/tvTitle"
```

```
        android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content"
```

```
        android:layout_marginStart="16dp"
```

```
android:layout_marginLeft="16dp"

android:layout_toRightOf="@id/imgMovie"

android:text="DEAR NATHAN"

android:textColor="@color/black"

android:textSize="16sp" />
```

```
<TextView
```

```
    android:id="@+id/Deskription"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_below="@id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginStart="16dp"

    android:layout_marginTop="10dp"

    android:maxLines="5"

    android:textColor="@color/black"

    android:text="Tells the story of Nathan and Salma who meet each other,
    their closeness begins to be tested when the presence of someone who returns
    to their lives." />
```

```
<Button
```

```
android:id="@+id/dearnathan"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginStart="9dp"

android:layout_marginTop="2dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskription"

android:text="Watch Trailer Now"

android:onClick="playDearNathanTrailer"/>
```

<ImageView

```
android:id="@+id/imgMovie2"

android:layout_width="150dp"

android:layout_height="170dp"

android:layout_marginTop="200dp"

android:src="@drawable/romance6"/>
```

<TextView

```
android:id="@+id/tvTitle2"

android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"

android:layout_toRightOf="@id/imgMovie"

android:layout_marginStart="16dp"

android:layout_marginTop="200dp"

android:textSize="16sp"

android:textColor="@color/black"

android:text="DILAN 1990"/>
```

```
<TextView
```

```
    android:id="@+id/Deskription2"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_below="@id/tvTitle"

    android:layout_marginStart="16dp"

    android:layout_marginLeft="12dp"

    android:layout_marginTop="210dp"

    android:layout_toRightOf="@id/imgMovie"

    android:maxLines="5"

    android:textColor="@color/black"

    android:text="tells the story of the love story of two Bandung teenagers in
the 90s. It started with a student named Dilan who fell in love with a transfer
```

student from high school in Jakarta named Milea. Dilan has various ways to approach and steal Milea's attention. " />

<Button

android:id="@+id/dilan"

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_marginStart="9dp"

android:layout_marginTop="2dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskription2"

android:text="Watch Trailer Now"

android:onClick="playDilanTrailer"/>

<ImageView

android:id="@+id/imgMovie3"

android:layout_width="150dp"

android:layout_height="175dp"

android:layout_marginTop="400dp"

android:src="@drawable/romance3"/>

<TextView

```
android:id="@+id/tvTitle3"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_toRightOf="@id/imgMovie"

android:layout_marginStart="16dp"

android:layout_marginTop="400dp"

android:textSize="16sp"

android:textColor="@color/black"

android:text="FOREVER MY GIRL"/>
```

<TextView

```
android:id="@+id/Deskription3"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_below="@id/tvTitle"

android:layout_marginStart="16dp"

android:layout_marginLeft="16dp"

android:layout_marginTop="410dp"

android:layout_toRightOf="@id/imgMovie"

android:maxLines="5"
```

```
android:textColor="@color/black"
```

```
android:text="This story is about the life of a country musician who tries to  
win back the girl he left on the wedding altar 8 years ago." />
```

```
<Button
```

```
android:id="@+id/forever"
```

```
android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
```

```
android:layout_marginStart="9dp"
```

```
android:layout_marginTop="2dp"
```

```
android:layout_toRightOf="@id/imgMovie"
```

```
android:layout_below="@id/Deskripsi3"
```

```
android:text="Watch Trailer Now"
```

```
android:onClick="playForeverTrailer"/>
```

```
</RelativeLayout>
```

```
...
```

=> Pada directory **drawable** kita bisa menambahkan gambar seperti poster film yang ingin kita tampilkan, dan jangan lupa untuk menambahkan icon **baseline_more_vert_24.xml** dengan cara klik kanan pada **drawable** lalu klik **New**, setelah itu kita pilih dan klik **Vector Asset**. Setelah itu kita klik **clip art** lalu kita pilih icon nya, jika sudah ketemu kita klik OK lalu kita klik next. Sama halnya ketika kita ingin menambahkan menu kembali pada halaman

`VideoPlayerActivity` yaitu dengan langkah-langkah yang sama seperti sebelumnya dan jangan lupa untuk menambahkan icon
`baseline_arroww_circle_left_24.xml` lalu klik OK dan kita klik next.

=> Selanjutnya kita klik kanan pada `res` lalu pilih dan klik `Android Resource Directory` setelah itu kita beri nama "menu" lalu klik OK. Setelah itu kita buat Menu Resource File dengan nama `menu_tab.xml` lalu isi dengan code :

...

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<menu xmlns:tools="http://schemas.android.com/tools"
```

```
    xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    xmlns:app="http://schemas.android.com/apk/res-auto">
```

```
    <item
```

```
        android:id="@+id/tab_action"
```

```
        android:icon="@drawable/baseline_more_vert_24"
```

```
        android:title="Action"/>
```

```
    <item
```

```
        android:id="@+id/tab_comedy"
```

```
        android:icon="@drawable/baseline_more_vert_24"
```

```
        android:title="Horor"/>
```

```
<item  
  
    android:id="@+id/tab_romance"  
  
    android:icon="@drawable/baseline_more_vert_24"  
  
    android:title="Romance"/>
```

```
</menu>
```

```
...
```

=> Sama halnya ketika ingin menambahkan code menu untuk kembali, dengan cara kita klik kanan pada directory `menu` dan buat Menu Resource File dengan nama `menu_video_player.xml` lalu isi dengan code :

```
...
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<menu xmlns:app="http://schemas.android.com/apk/res-auto"
```

```
    xmlns:android="http://schemas.android.com/apk/res/android">
```

```
<item
```

```
    android:id="@+id/action_back"
```

```
    android:icon="@drawable/baseline_arrow_circle_left_24"
```

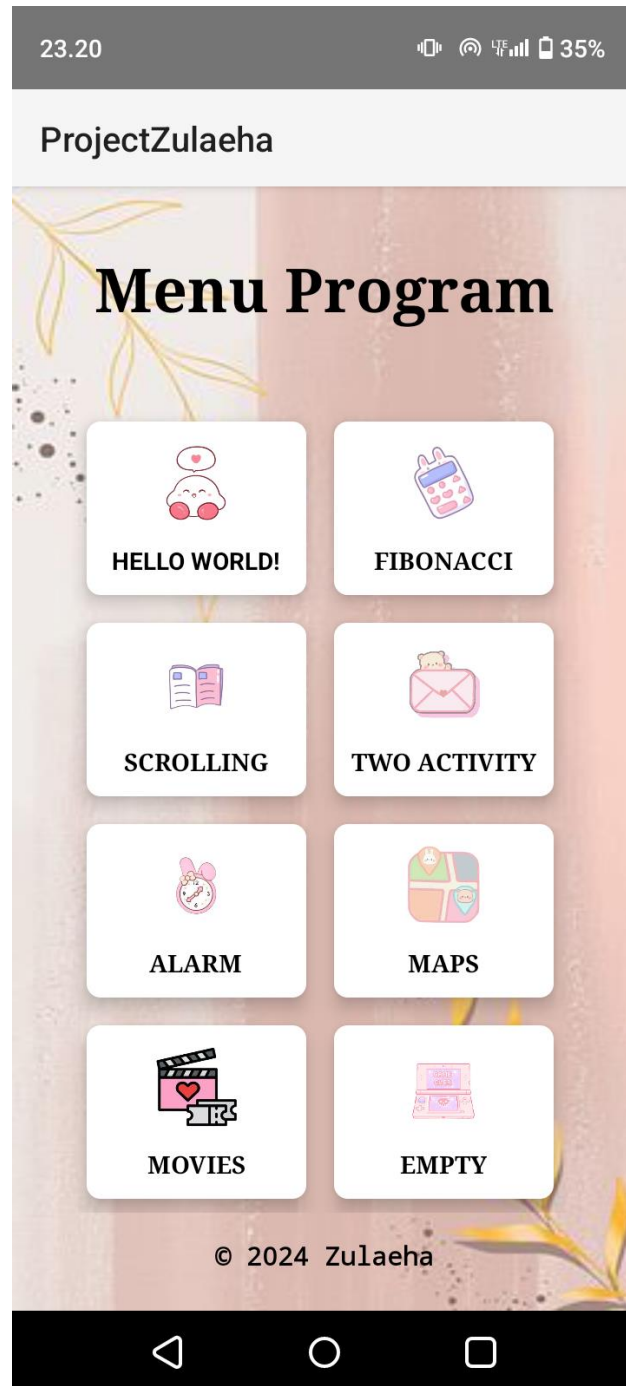
```
    android:title="Back"
```

```
    app:showAsAction="always" />
```

```
</menu>
```

```
...
```

❖ Hasil Program Tugas 3





THE DARK KNIT

Batman has a new enemy, the Joker, a criminal mastermind whose ambition is to destroy Gotham City.

WATCH TRAILER NOW



WAKTU MAGHRIB

This film raises a myth that is believed by the majority of Indonesian people, namely about the sacred time

WATCH TRAILER NOW



MATRIX

Thomas, an evil computer programmer and hacker, is led to fight an underground war against the

WATCH TRAILER NOW



PENGABDI SETAN

The lives of Rini, her sister and father did not run normally while in the apartment because the mother

WATCH TRAILER NOW



TOMB RAIDER

Hoping to solve the mystery of her father's disappearance, Lara Croft, the daughter of an eccentric



SEWU DINO

The film Sewu Dino tells the story of a village girl named Sri who is looking for work and needs a lot of



DEAR NATHAN

Tells the story of Nathan and Salma who meet each other, their closeness begins to be tested when the

WATCH TRAILER NOW



Tells the story of Nathan and Salma who meet each other, their closeness begins to be tested when the

WATCH TRAILER NOW



DILAN 1990

tells the story of the love story of two Bandung teenagers in the 90s. It started with a student named

WATCH TRAILER NOW



DILAN 1990

tells the story of the love story of two Bandung teenagers in the 90s. It started with a student named

WATCH TRAILER NOW



FOREVER MY GIRL

This story is about the life of a country musician who tries to win back the girl he left on the wedding altar 8



FOREVER MY GIRL

This story is about the life of a country musician who tries to win back the girl he left on the wedding altar 8

- Action
- Horor
- Romance