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1. Hello World

- String
 <string name="hello_world" >Hello World!</string>
- Java
- HelloActivity.java

```
package com.Fathiaapps;
```

```
import android.os.Bundle; import androidx.appcompat.app.AppCompatActivity;
```

```
public class HelloActivity extends AppCompatActivity {
```

```
    @Override
```

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

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

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

```
    }}
```

- Layout
- 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">
```

```
<TextView

    android:id="@+id/Texthello"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:fontFamily="courier"

    android:gravity="center"

    android:text="@string/hello_world"

    android:textColor="@color/white"

    android:textSize="15pt"

    android:textStyle="bold"

    app:layout_constraintBottom_toBottomOf="parent"

    app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintHorizontal_bias="0.500"
```

```

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent"

        app:layout_constraintVertical_bias="0.257"

        tools:ignore="TextSizeCheck" />

</androidx.constraintlayout.widget.ConstraintLayout>

```

2. Scroll Movie (Ice Cold)

-String

Kasus Sianida ICE COLD 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>

- Java

- ScrollMovieActivity.java
package com.Fathiaapps;

```
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_sianida);
    }
}
```

- Layout
- Activity_scroll_movie.xml

```
<?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=".SianidaActivity">
```

```
<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="10dp"
    android:text="@string/article_subtitle"
    android:textAppearance="@android:style/TextAppearance.DeviceDefault" />
```

```

<TextView
    android:id="@+id/article"
    android:layout_width="match_parent"
    android:layout_height="643dp"
    android:autoLink="web"
    android:lineSpacingExtra="@dimen/line_spacing"
    android:padding="10dp"
    android:justificationMode="inter_word"
    android:text="@string/article_text" />
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

2. Toast (Fibonacci)

- 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>

```

- Color

```

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

```

```

#FF000000 #FFFFFFFF #3700B3 #FFC0CB #3F5185 #303F9F #FF4081 #ABCBFA #F8C6E6
#E3A2ED #92A676 #8FC2EA #C2E69C #FFEB3B #FF9800 #E6C18A #ffb6c1 #f08080 ``

```

- Java
- ToastActivity.java

```

package com.Fathiaapps;

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 ToastActivity 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_toast);
```

```
    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.orange; // Warna Default
            switch (count % 11) {
                case 1:
                    colorResId = R.color.pink_terang; // Warna Orange
                    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.koral; // 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.colorAccent; // Warna Pink Tua
            break;
    }
    show_count.setTextColor(getResources().getColor(colorResId));
    show_count.setText(String.valueOf(fibCurrent));
}

count++;
}

public void restart(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();
}
}

```

- Layout
- Activiy_toast.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=".ToastActivity">

```



```
<Button
    android:id="@+id/button_limit"
    android:layout_width="440dp"
    android:layout_height="60dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentEnd="true"
    android:layout_marginStart="8dp"
    android:layout_marginTop="8dp"
    android:layout_marginEnd="8dp"
    android:background="@color/colorPrimary"
    android:onClick="setLimit"
    android:text="Masukkan Angka Limit"
    android:textColor="@android:color/white"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.454"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    tools:ignore="UsingOnClickInXml,VisualLintButtonSize" />
```

```
<Button
    android:id="@+id/button_count"
    android:layout_width="180dp"
    android:layout_height="80dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentEnd="true"
    android:layout_marginStart="10dp"
    android:layout_marginBottom="10dp"
    android:background="@color/colorPrimary"
    android:onClick="countUp"
    android:text="Count"
    android:textColor="@android:color/white"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toStartOf="@+id/button_restart"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="parent"
    tools:ignore="UsingOnClickInXml,VisualLintButtonSize" />
```

```
<Button
    android:id="@+id/button_restart"
    android:layout_width="180dp"
    android:layout_height="80dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentEnd="true"
```

```

        android:layout_marginStart="8dp"
        android:layout_marginEnd="10dp"
        android:layout_marginBottom="10dp"
        android:background="@color/colorPrimary"
        android:onClick="restart"
        android:text="Restart"
        android:textColor="@android:color/white"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="1.0"
        app:layout_constraintStart_toStartOf="parent"
        tools:ignore="UsingOnClickInXml" />

```

```

<TextView
    android:id="@+id/show_count"
    android:layout_width="400dp"
    android:layout_height="550dp"
    android:layout_marginStart="8dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="8dp"
    android:layout_marginBottom="10dp"
    android:background="@drawable/bg_count"
    android:gravity="center_vertical"
    android:text="1"
    android:textAlignment="center"
    android:textColor="@color/colorPrimary"
    android:textSize="160sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toTopOf="@id/button_count"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@id/button_limit"
    app:layout_constraintVertical_bias="0.0"
    tools:ignore="RtlCompat" />

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

```

3. Two Activity (Send and Reply Message)

- String


```

<string name="button_main">Send</string>
  <string name="editText_main">Enter Your Message Here</string>
  <string name="text_header">Messege 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>

```

- Java
- SendActivity.java

```

package com.Fathiaapps;

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 SendActivity extends AppCompatActivity {

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

    private EditText mReply;

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

        mReply = findViewById(R.id.editText_second);

        Intent intent = getIntent();
        String message =
        intent.getStringExtra(ReplyActivity.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();
        }
    }
}

```

- ReplyActivity.java

```

package com.Fathiaapps;

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 ReplyActivity extends AppCompatActivity {

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

    public static final String EXTRA_MESSAGE =
"com.example.android.SendActivity.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_reply);

        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, SendActivity.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(SendActivity.EXTRA_REPLY);

                mReplyHeadTextView.setVisibility(View.VISIBLE);
                mReplyTextView.setText(reply);
                mReplyTextView.setVisibility(View.VISIBLE);
            }
        }
    }
}

```

- Layout
- Activity_send.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=".SendActivity">

    <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/button_second"
android:onClick="returnReply"
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>

```

- Activit_reply.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=".ReplyActivity">

    <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: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>

```

4. Intent (Implist)

- Java
- Alarm

```

public void createAlarm(String message, int hour, int minutes) {
    Intent intent = new Intent(AlarmClock.ACTION_SET_ALARM)
        .putExtra(AlarmClock.EXTRA_MESSAGE, message)
        .putExtra(AlarmClock.EXTRA_HOUR, hour)
        .putExtra(AlarmClock.EXTRA_MINUTES, minutes);
    if (intent.resolveActivity(getPackageManager()) != null) {
        startActivity(intent);
    }
}

```

- Maps


```

public void showMap(Uri geoLocation) {
    Intent intent = new Intent(Intent.ACTION_VIEW);
    intent.setData(geoLocation);
    if (intent.resolveActivity(getPackageManager()) != null) {
        startActivity(intent);
    }
}

```

- Manifest
- Alarm

```

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

```

- Maps

```

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

```

5. Fragment (Tab Layout)

- Gradle Script => build.gradle.kts (Module :app)

```

plugins {
    id("com.android.application")
}
android {
    namespace = "com.tablayout"
    compileSdk = 34

    defaultConfig {
        applicationId = "com.tablayout"
    }
}

```

```

        minSdk = 21
        targetSdk = 34
        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
- 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>

    <color name="hijautua">#3F4A2F</color>

</resources>
```

- themes.xml dan themes.xml(night) (sama isi code nya) :

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

    <!-- Base application theme. -->

    <style name="Base.Theme.TabLayout"
        parent="Theme.MaterialComponents.DayNight.DarkActionBar">

        <!-- Primary brand color. -->

        <item name="colorPrimary">@color/colorPrimary</item>

        <item name="colorPrimaryVariant">@color/biru</item>

        <item name="colorOnPrimary">@color/white</item>

        <!-- Secondary brand color. -->

        <item name="colorSecondary">@color/blue</item>

        <item name="colorSecondaryVariant">@color/blue</item>

        <item name="colorOnSecondary">@color/blue</item>

        <!-- Status bar color. -->

        <item name="android:statusBarColor">@color/blue</item>

        <item name="android:navigationBarColor">@color/blue</item>

        <!-- Customize your light theme here. -->

    </style>

    <style name="Theme.TabLayout" parent="Base.Theme.TabLayout" />

</resources>
```

- Layout

- activity_main.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=".MainActivity">
```

```

<com.google.android.material.tabs.TabLayout
    android:id="@+id/tab"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="@color/blue"
    app:tabSelectedTextColor="@color/white"
    app:tabIndicatorColor="@color/white"
    app:tabTextColor="@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="Comedy" />
```

```

<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>
```

- 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"
```

```
    android:padding="25dp">
```

```
<ImageView
```

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

```
    android:layout_width="150dp"
```

```
    android:layout_height="170dp"
```

```
    android:src="@drawable/avatar"/>
```

```
<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="AVATAR : THE WAY OF WATER"/>
```

```
<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="16dp"

    android:maxLines="5"
```

```
    android:text="Set more than a decade after the events of the first film,
    “Avatar: The Way of Water” begins to tell the story of the Sully family (Jake,
    Neytiri, and their kids), the trouble that follows them, the lengths they go to
    keep each other safe, the battles they fight to stay alive, and the tragedies they
    endure."/>
```

<ImageView

```
    android:id="@+id/imgMovie2"
    android:layout_width="150dp"
    android:layout_height="170dp"
    android:layout_marginTop="200dp"
    android:src="@drawable/theflash"/>
```

<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="THE FLASH"/>
```

<TextView

```
    android:id="@+id/Deskription2"
    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="200dp"

android:maxLines="5"

android:text="Worlds collide in “The Flash” as Barry uses his superpowers to travel back in time to change past events. But when his efforts to save his family inadvertently alter the future, Barry is trapped in a reality where General Zod has returned, threatening annihilation, and there are no Super Heroes to turn to. That is, unless Barry can coax a very different Batman out of retirement and rescue the imprisoned Kryptonian... although that's not what he's looking for. Ultimately, to save the world he finds himself in and return to the future he knows, Barry's only hope is to race for his life. But will making the ultimate sacrifice be enough to reset the universe?"/>

<ImageView

android:id="@+id/imgMovie3"

android:layout_width="150dp"

android:layout_height="170dp"

android:layout_marginTop="400dp"

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

<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="DOCTOR STRANGE"/>
```

```
<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="420dp"

    android:maxLines="5"
```

```
    android:text="Dr. Stephen Strange suffered a fatal accident that damaged
the motor skills of both hands. For his recovery, he visited a mysterious
magician named Ancient One in Tibet."
```

```
/>
```

```
</RelativeLayout>
```

- fragment_comedy.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/mystupidbos"/>
```

```
<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="MY STUPID BOSS"/>
```

```
<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="16dp"
```

```
android:maxLines="5"
```

```
    android:text="Due to the crisis of shortage of factory employees,  
Bossman finally intends to look for new factory employees in Vietnam.  
Bossman, Diana, Mr. Kho, and Adrian departed for Vietnam. In Vietnam,  
instead of getting employees, they actually got one problem after another  
because of Bossman's actions."
```

```
/>
```

```
<ImageView
```

```
    android:id="@+id/imgMovie2"
```

```
    android:layout_width="150dp"
```

```
    android:layout_height="170dp"
```

```
    android:layout_marginTop="200dp"
```

```
    android:src="@drawable/okb"/>
```

```
<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="ORANG KAYA  
BARU"/>
```

<TextView

android:id="@+id/Deskription2"

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="200dp"

android:maxLines="5"

android:text="What happens if a family that has been living just barely, suddenly gets abundant wealth? Surely they will be surprised, confused, happy and start buying things that previously only existed in their dreams..."

/>

<ImageView

android:id="@+id/imgMovie3"

android:layout_width="150dp"

android:layout_height="170dp"

android:layout_marginTop="400dp"

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

<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="SUSAH SINYAL"/>
```

```
<TextView
```

```
android:id="@+id/Deskripsi3"
```

```
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="420dp"
```

```
android:maxLines="5"
```

android:text="Ellen (Adinia Wirasti), a successful lawyer, is a single mom who rarely makes time for her only child Kiara (Aurora Ribero), who eventually grows up as a rebellious teenager who mostly vents her emotions on social media. They live with Agatha (Ninie L. Karim), Ellen's mother who really loves Kiara. When Agatha died of a heart attack, Kiara, who had been very close to her grandmother since childhood, was immediately shaken. The psychologist advised Ellen to take Kiara on holiday, to spend quality time to treat the times when Ellen was too busy working. They went to Sumba, spending fun moments together. Kiara went home with a happy heart. In Jakarta, Ellen was immediately greeted by a big problem at the office. The big project he is working on with Iwan (Ernest Prakasa) is in danger of falling apart. Finally, because she was busy, Ellen didn't keep her promise to watch Kiara perform in the inter-high school talent show competition that Kiara had been preparing for a long time. Kiara was angry and went to Sumba alone, the last place where she could feel a glimmer of happiness. Will Kiara be able to trust her mother again? Will Ellen be able to knit this little family back

together? Watch SUSAH SIGNAL, showing in cinemas starting December 21." />

</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/ayat2cinta2"/>

<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="AYAT AYAT CINTA 2"
```

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

```
android:textSize="16sp" />
```

```
<TextView
```

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

```
    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="16dp"
```

```
    android:maxLines="5"
```

```
    android:text="The days of FAHRI's life were filled with sorrow and  
efforts to find the wife he loved so much, AISHA. FAHRI (Fedi Nuril)  
chooses to live in Edinburgh, Scotland. A city that AISHA really likes.  
FAHRI works as a respected lecturer and researcher at a well-known  
university in the city. In living his daily life, FAHRI is only accompanied by  
HULUSI (Pandji Pragiwaksono), his Turkish household assistant. His  
politeness and friendly attitude made FAHRI liked by many people, such as  
Grandma Catarina (Dewi Irawan), a Jewish woman who lived not far from his  
house. However, there are also those who oppose and even hate him, such as  
KEIRA (Chelsea Islan), a Scottish-born girl who is obsessed with becoming a  
famous violinist. One day, FAHRI met HULYA (Tajtana Saphira), a Turkish-  
German girl who was taking a master's degree in Edinburgh who was still  
related to AISHA. HULYA's arrival actually triggers FAHRI's sad memories.  
Can FAHRI achieve its determination to improve the image of Islam and  
Muslims in this first world country?" />
```


<ImageView

```
    android:id="@+id/imgMovie2"
    android:layout_width="150dp"
    android:layout_height="170dp"
    android:layout_marginTop="200dp"
    android:src="@drawable/ily_from_38_000_ft"/>
```

<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="ILY FROM 38.000 FT"/>
```

<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="211dp"

android:layout_toRightOf="@id/imgMovie"

android:maxLines="5"
```

```
    android:text="While on holiday in Bali, Aletta met Arga. The two of  
    them fell in love because they had a lot of chemistry. However, when Aletta  
    decided to return to Jakarta, Arga did not follow her and slowly disappeared  
    from her life." />
```

```
<ImageView
```

```
    android:id="@+id/imgMovie3"

    android:layout_width="150dp"

    android:layout_height="175dp"

    android:layout_marginTop="400dp"

    android:src="@drawable/ketikaberhentidisini"/>
```

```
<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="KETIKA BERHENTI DISINI"/>
```

```
<TextView
```

```
    android:id="@+id/Deskripsi3"

    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="409dp"

    android:layout_toRightOf="@id/imgMovie"

    android:maxLines="5"
```

```
    android:text="Dita, a graphic designer with high ideals, who is afraid of failure meets Ed, an architect. The meeting, which started with a misunderstanding, ended in a warm conversation. Two people who are similar but not the same come together. Four years since their first meeting, Dita felt that their relationship was going nowhere, without realizing it, Dita always demanded that Ed be what she wanted, but in the end Ed had an accident and died. Dita was devastated and filled with guilt. Two years later, Dita tries to forget everything about Ed and tries to live her new life with Ifan, her best friend since childhood who is now her lover. Not long ago, Dita actually got 'LOOK' glasses with Augmented Reality (AR) technology which can present Ed's figure, exactly the same as real. Will Dita accept Ed's presence again or stay with Ifan?" />
```

```
</RelativeLayout>
```

- Pada directory drawable kita bisa tambahkan gambar untuk pict dari 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
- Selanjutnya kita klik kanan pada app 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:title="Action"/>
```

```
    <item
```

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

```
        android:title="Comedy"/>
```

```
    <item
```

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

```
        android:title="Romance"/>
```

```
</menu>
```

- java
- MainActivity.java

```
package com.tablayout;
```

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

```
import androidx.viewpager2.widget.ViewPager2;
```

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

```
import android.graphics.drawable.ColorDrawable;
```

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

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

```
import java.util.Objects;
```

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

```
    TabLayout tabLayout;
```

```
    ViewPager2 viewPager2;
```

```
    ViewAdapter adapter;
```

```
    @SuppressWarnings("NewApi")
```

```
@Override

protected void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_main);


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


    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) {

    }

    });

    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, ComedyFragment, RomanceFragment. Untuk file fragment sudah sekaligus dengan file layout xml nya (code berada pada bagian res layout)

- ActionFragment.java :

```

package com.tablayout;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

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.Toast;

public class ActionFragment extends Fragment {

    @Override

    public View onCreateView(LayoutInflater inflater, ViewGroup container,

                             Bundle savedInstanceState) {

        // Inflate the layout for this fragment

        setHasOptionsMenu(true);

        return inflater.inflate(R.layout.fragment_action, container, false);

    }

    @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;  
  
    }  
  
}
```

- ComedyFragment.java :

```
package com.tablayout;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
  
  
  
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.Toast;  
  
public class ComedyFragment extends Fragment {  
  
    @Override
```

```

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

    // Inflate the layout for this fragment

    setHasOptionsMenu(true);

    return inflater.inflate(R.layout.fragment_comedy, container, false);

}

@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_comedy) {

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

            .show();

    }

    return true;

}

}

```

- RomanceFragment.java :

```
package com.tablayout;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

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.Toast;

public class RomanceFragment extends Fragment {

    @Override

    public View onCreateView(LayoutInflater inflater, ViewGroup container,

                             Bundle savedInstanceState) {

        // Inflate the layout for this fragment

        setHasOptionsMenu(true);

        return inflater.inflate(R.layout.fragment_romance, container, false);

    }

    @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;

    }

}

```

- Lalu buat java class dengan nama ViewAdapter.java, yang berisi code :

```

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 ComedyFragment();
        }
    }
}

```

```

        case 2:
            return new RomanceFragment();
        default:
            return new ActionFragment();
    }
}

@Override
public int getItemCount() {
    return 3;
}
}

```

6. Exoplayer

- Layout
- 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"
```

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

```
    android:gravity="center"
```

```
    android:background="@color/black">
```

```
<VideoView
```

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

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:layout_centerInParent="true"/>

</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=".ActionFragment">
```

```
<ImageView

    android:id="@+id/imgMovie"

    android:layout_width="120dp"

    android:layout_height="160dp"

    android:layout_alignParentStart="true"

    android:layout_alignParentTop="true"

    android:layout_marginTop="5dp"

    android:src="@drawable/avatar" />
```

```
<TextView

    android:id="@+id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_alignParentTop="true"

    android:layout_alignParentEnd="true"

    android:layout_marginStart="10dp"

    android:layout_marginTop="5dp"

    android:layout_toRightOf="@id/imgMovie"

    android:text="AVATAR : THE WAY OF WATER"

    android:textColor="@color/black"

    android:textSize="14sp" />
```

```
<TextView

    android:id="@+id/Deskription"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_below="@+id/tvTitle"

    android:layout_marginStart="10dp"

    android:layout_marginTop="10dp"

    android:layout_toRightOf="@id/imgMovie"

    android:maxLines="5"
```

android:text="Set more than a decade after the events of the first film, “Avatar: The Way of Water” begins to tell the story of the Sully family (Jake, Neytiri, and their kids), the trouble that follows them, the lengths they go to keep each other safe, the battles they fight to stay alive, and the tragedies they endure."

android:textColor="@color/black"

android:textSize="14sp" />

<Button

android:id="@+id/avatar"

android:layout_width="wrap_content"

android:layout_height="40dp"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskription"

android:text="Watch Trailer Now"

android:textSize="10sp"

android:onClick="playAvatarTrailer"/>

<ImageView

android:id="@+id/imgMovie2"

android:layout_width="120dp"


```
android:layout_height="160dp"

android:layout_alignParentStart="true"

android:layout_alignParentTop="true"

android:layout_marginTop="190dp"

android:src="@drawable/theflash" />
```

<TextView

```
android:id="@+id/tvTitle2"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_toRightOf="@id/imgMovie2"

android:layout_marginStart="10dp"

android:layout_marginTop="190dp"

android:textSize="15sp"

android:textColor="@color/black"

android:text="THE FLASH"/>
```

<TextView

```
android:id="@+id/Deskription2"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_below="@+id/tvTitle2"

android:layout_marginStart="10dp"
```

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie2"

android:maxLines="5"

android:text="Worlds collide in “The Flash” as Barry uses his superpowers to travel back in time to change past events. But when his efforts to save his family inadvertently alter the future, Barry is trapped in a reality where General Zod has returned, threatening annihilation, and there are no Super Heroes to turn to. That is, unless Barry can coax a very different Batman out of retirement and rescue the imprisoned Kryptonian... although that's not what he's looking for. Ultimately, to save the world he finds himself in and return to the future he knows, Barry's only hope is to race for his life. But will making the ultimate sacrifice be enough to reset the universe?"

android:textColor="@color/black"

android:textSize="14sp" />

<Button

android:id="@+id/theflash"

android:layout_width="wrap_content"

android:layout_height="40dp"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie2"

android:layout_below="@id/Deskription2"

android:text="Watch Trailer Now"

android:textSize="10sp"

android:onClick="playTheflashTrailer"/>

<ImageView

```
    android:id="@+id/imgMovie3"
    android:layout_width="120dp"
    android:layout_height="160dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_marginTop="380dp"
    android:src="@drawable/drstrange" />
```

<TextView

```
    android:id="@+id/tvTitle3"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_toRightOf="@id/imgMovie3"
    android:layout_marginStart="10dp"
    android:layout_marginTop="380dp"
    android:textSize="15sp"
    android:textColor="@color/black"
    android:text="DOCTOR STRANGE"/>
```

<TextView

```
    android:id="@+id/Deskription3"
    android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"

android:layout_below="@+id/tvTitle3"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie3"

android:maxLines="5"
```

android:text="Dr. Stephen Strange suffered a fatal accident that damaged the motor skills of both hands. For his recovery, he visited a mysterious magician named Ancient One in Tibet."

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

android:textSize="15sp" />
```

<Button

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

android:layout_width="wrap_content"

android:layout_height="40dp"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie3"

android:layout_below="@id/Deskription3"

android:text="Watch Trailer Now"    android:textSize="12sp"

android:onClick="playDrstrangeTrailer" />
```

</RelativeLayout>

- fragment_comedy.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="120dp"
```

```
        android:layout_height="160dp"
```

```
        android:layout_alignParentStart="true"
```

```
        android:layout_alignParentTop="true"
```

```
        android:layout_marginTop="5dp"
```

```
        android:src="@drawable/mystupidbos" />
```

```
    <TextView
```

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

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

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

```
        android:layout_alignParentTop="true"
```

```
        android:layout_marginStart="10dp"
```

```
android:layout_marginTop="5dp"

android:layout_toRightOf="@id/imgMovie"

android:text="MY STUPID BOSS"

android:textColor="@color/black"

android:textSize="15sp" />
```

<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="10dp"

android:layout_marginTop="10dp"

android:textSize="14sp"

android:maxLines="5"
```

android:text="Due to the crisis of shortage of factory employees, Bossman finally intends to look for new factory employees in Vietnam. Bossman, Diana, Mr. Kho, and Adrian departed for Vietnam. In Vietnam, instead of getting employees, they actually got one problem after another because of Bossman's actions."

/>

<Button

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

android:layout_width="wrap_content"
```

```
android:layout_height="40dp"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskription"

android:text="Watch Trailer Now"

android:textSize="10sp"

android:onClick="playMystupidbossTrailer"/>
```

<ImageView

```
android:id="@+id/imgMovie2"

android:layout_width="120dp"

android:layout_height="160dp"

android:layout_alignParentStart="true"

android:layout_alignParentTop="true"

android:layout_marginTop="195dp"

android:src="@drawable/okb" />
```

<TextView

```
android:id="@+id/tvTitle2"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_toRightOf="@id/imgMovie"
```

```
android:layout_marginStart="10dp"

android:layout_marginTop="195dp"

android:textSize="15sp"

android:textColor="@color/black"

android:text="ORANG KAYA BARU"/>
```

<TextView

```
android:id="@+id/Deskripsi2"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_below="@+id/tvTitle2"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie"

android:maxLines="5"

    android:text="What happens if a family that has been living just barely,
suddenly gets abundant wealth? Surely they will be surprised, confused,
happy and start buying things that previously only existed in their dreams..."

    android:textSize="14sp" />
```

<Button

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

android:layout_width="wrap_content"

android:layout_height="40dp"
```



```
android:layout_marginStart="10dp"
android:layout_marginTop="10dp"
android:layout_toRightOf="@id/imgMovie"
android:layout_below="@id/Deskripsi2"
android:text="Watch Trailer Now"
android:textSize="10sp"
android:onClick="playOrangkayabaruTrailer"/>
```

<ImageView

```
android:id="@+id/imgMovie3"
android:layout_width="110dp"
android:layout_height="160dp"
android:layout_alignParentStart="true"
android:layout_marginTop="385dp"
android:src="@drawable/koalakumal" />
```

<TextView

```
android:id="@+id/tvTitle3"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_toRightOf="@id/imgMovie"
android:layout_marginStart="10dp"
android:layout_marginTop="385dp"
```

```
android:textSize="15sp"

android:textColor="@color/black"

android:text="KOALA KUMAL"/>
```

```
<TextView
```

```
    android:id="@+id/Deskripsi3"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_below="@+id/tvTitle3"

    android:layout_marginStart="10dp"

    android:layout_marginTop="10dp"

    android:layout_toRightOf="@id/imgMovie"

    android:maxLines="5"
```

android:text="KOALA KUMAL is still telling the story of Dika, a guy who just canceled his marriage because his girlfriend, Andrea, cheated on him with a guy named James. His broken heart made it difficult for Dika to write the last chapter of his book. One day, Dika met a girl named Trishna, a unique girl who made Dika's perspective on the world different."

```
    android:textSize="14sp" />
```

```
<Button
```

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

    android:layout_width="wrap_content"

    android:layout_height="40dp"

    android:layout_marginStart="10dp"
```

```
android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskripsi3"

android:text="Watch Trailer Now"

android:textSize="10sp"

android:onClick="playSusahsinyalTrailer"/>
```

```
</RelativeLayout>
```

- fragment_romance

```
<?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="120dp"
```

```
android:layout_height="160dp"
```

```
android:layout_alignParentStart="true"
```

```
android:layout_alignParentTop="true"
```

```
android:layout_marginTop="5dp"
```

```
android:src="@drawable/ayat2cinta2" />
```

```
<TextView

    android:id="@+id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_alignParentTop="true"

    android:layout_marginStart="10dp"

    android:layout_marginLeft="16dp"

    android:layout_marginTop="5dp"

    android:layout_toRightOf="@id/imgMovie"

    android:text="AYAT AYAT CINTA 2"

    android:textColor="@color/black"

    android:textSize="15sp" />
```

```
<TextView

    android:id="@+id/Deskripsi"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_below="@id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginStart="10dp"

    android:layout_marginTop="10dp"

    android:textSize="14sp"
```

android:maxLines="5"

android:text="The days of FAHRI's life were filled with sorrow and efforts to find the wife he loved so much, AISHA. FAHRI (Fedi Nuril) chooses to live in Edinburgh, Scotland. A city that AISHA really likes. FAHRI works as a respected lecturer and researcher at a well-known university in the city. In living his daily life, FAHRI is only accompanied by HULUSI (Pandji Pragiwaksono), his Turkish household assistant. His politeness and friendly attitude made FAHRI liked by many people, such as Grandma Catarina (Dewi Irawan), a Jewish woman who lived not far from his house. However, there are also those who oppose and even hate him, such as KEIRA (Chelsea Islan), a Scottish-born girl who is obsessed with becoming a famous violinist. One day, FAHRI met HULYA (Tajana Saphira), a Turkish-German girl who was taking a master's degree in Edinburgh who was still related to AISHA. HULYA's arrival actually triggers FAHRI's sad memories. Can FAHRI achieve its determination to improve the image of Islam and Muslims in this first world country?" />

<Button

android:id="@+id/ayatayalcinta2"

android:layout_width="wrap_content"

android:layout_height="40dp"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskripsi"

android:text="Watch Trailer Now"

android:textSize="10sp"

android:onClick="playAyatayalcinta2Trailer"/>

<ImageView

```
android:id="@+id/imgMovie2"
android:layout_width="120dp"
android:layout_height="160dp"
android:layout_alignParentStart="true"
android:layout_alignParentTop="true"
android:layout_marginTop="190dp"
android:src="@drawable/ily_from_38_000_ft" />
```

<TextView

```
android:id="@+id/tvTitle2"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_toRightOf="@id/imgMovie"
android:layout_marginStart="10dp"
android:layout_marginTop="190dp"
android:textSize="15sp"
android:textColor="@color/black"
android:text="ILY FROM 38.000 FT"/>
```

<TextView

```
android:id="@+id/Deskription2"
android:layout_width="match_parent"
android:layout_height="wrap_content"
```

android:layout_below="@+id/tvTitle2"

android:layout_marginStart="10dp"

android:layout_marginLeft="12dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie"

android:maxLines="5"

android:text="While on holiday in Bali, Aletta met Arga. The two of them fell in love because they had a lot of chemistry. However, when Aletta decided to return to Jakarta, Arga did not follow her and slowly disappeared from her life."

android:textSize="14sp" />

<Button

android:id="@+id/iloveyoufrom38000ft"

android:layout_width="wrap_content"

android:layout_height="40dp"

android:layout_marginStart="10dp"

android:layout_marginTop="10dp"

android:layout_toRightOf="@id/imgMovie"

android:layout_below="@id/Deskripsi2"

android:text="Watch Trailer Now"

android:textSize="10sp"

android:onClick="playIlyfrom38000ftTrailer"/>

<ImageView

android:id="@+id/imgMovie3"

android:layout_width="120dp"

android:layout_height="160dp"

android:layout_alignParentStart="true"

android:layout_alignParentTop="true"

android:layout_marginTop="380dp"

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

<TextView

android:id="@+id/tvTitle3"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_toRightOf="@id/imgMovie"

android:layout_marginStart="10dp"

android:layout_marginTop="380dp"

android:textSize="15sp"

android:textColor="@color/black"

android:


```
text="KETIKA BERHENTI DISINI"/>
```

```
<TextView
```

```
    android:id="@+id/Deskripsi3"
```

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

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

```
    android:layout_below="@+id/tvTitle3"
```

```
    android:layout_marginStart="10dp"
```

```
    android:layout_marginLeft="16dp"
```

```
    android:layout_marginTop="10dp"
```

```
    android:layout_toRightOf="@id/imgMovie"
```

```
    android:maxLines="5"
```

```
    android:text="Dita, a graphic designer with high ideals, who is afraid of failure meets Ed, an architect. The meeting, which started with a misunderstanding, ended in a warm conversation. Two people who are similar but not the same come together. Four years since their first meeting, Dita felt that their relationship was going nowhere, without realizing it, Dita always demanded that Ed be what she wanted, but in the end Ed had an accident and died. Dita was devastated and filled with guilt. Two years later, Dita tries to forget everything about Ed and tries to live her new life with Ifan, her best friend since childhood who is now her lover. Not long ago, Dita actually got 'LOOK' glasses with Augmented Reality (AR) technology which can present Ed's figure, exactly the same as real. Will Dita accept Ed's presence again or stay with Ifan?"
```

```
    android:textSize="14sp" />
```

```
<Button
```

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

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

```
        android:layout_height="40dp"

        android:layout_marginStart="10dp"

        android:layout_marginTop="10dp"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/Deskripsi3"

        android:text="Watch Trailer Now"

        android:textSize="10sp"

        android:onClick="playKetikaberhentidisiniTrailer"/>
```

```
</RelativeLayout>
```

- Java
- VideoPlayerActivity

```
package com.Fathiaapps;
```

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

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

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

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

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

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

```
public class VideoPlayerActivity extends AppCompatActivity {
```

```
    @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 videoView = findViewById(R.id.videoView);

    videoView.setVideoURI(uri);


    // Set up MediaController

    MediaController mediaController = new MediaController(this);

    mediaController.setAnchorView(videoView);

    videoView.setMediaController(mediaController);


    // Start playing the video

    videoView.start();

}

}
```

- ActionFragment

```
package com.Fathiaapps;
```

```
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 avatarButton = view.findViewById(R.id.avatar);

    Button theflashButton = view.findViewById(R.id.theflash);

    Button drstrangeButton = view.findViewById(R.id.drstrange);

    // Set click listener for each button

    avatarButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

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

            playVideo(R.raw.avatar);

        }

    });

    theflashButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

```

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

        playVideo(R.raw.theflash);

    }

});
```

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

    @Override

    public void onClick(View v) {

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

        playVideo(R.raw.drstrange);

    }

});

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);

}

}
```

- ComedyFragment

```
package com.Fathiaapps;
```

```
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 ComedyFragment extends Fragment {
```

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



```

@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_comedy, container, false);

    // Find the button by its ID

    Button mystupidbossButton = view.findViewById(R.id.mystupidboss);

    Button orangkayabaruButton = view.findViewById(R.id.okb);

    Button susah sinyalButton = view.findViewById(R.id.susah sinyal);

    // Set click listener for each button

    mystupidbossButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

            Log.d(TAG, "Mt stupid boss button clicked");

            playVideo(R.raw.mystupidboss);

        }

    });

    orangkayabaruButton.setOnClickListener(new View.OnClickListener() {

```

```

        @Override

        public void onClick(View v) {

            Log.d(TAG, "Orang kaya baru button clicked");

            playVideo(R.raw.orangkayabaru);

        }

    });

    susahsinyalButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

            Log.d(TAG, "Susah sinyal button clicked");

            playVideo(R.raw.susahsinyal);

        }

    });

    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_comedy) {

        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

```
package com.Fathiaapps;
```

```
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 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 ayatayalcinta2Button = view.findViewById(R.id.ayatayalcinta2);

        Button ilyfrom38000ftButton =
view.findViewById(R.id.iloveyoufrom38000ft);

        Button ketikaberhentidisniButton =
view.findViewById(R.id.ketikaberhentidisini);


        // Set click listener for each button

        ayatayalcinta2Button.setOnClickListener(new View.OnClickListener() {

            @Override

            public void onClick(View v) {

                Log.d(TAG, "Ayat ayat cinta 2 button clicked");

                playVideo(R.raw.ayatayalcinta2);

            }

        });

        ilyfrom38000ftButton.setOnClickListener(new View.OnClickListener() {
```

```

        @Override

        public void onClick(View v) {

            Log.d(TAG, "I love from 38.000 ft button clicked");

            playVideo(R.raw.ilyfrom38000ft);

        }

    });

    ketikaberhentidisniButton.setOnClickListener(new View.OnClickListener()

    {

        @Override

        public void onClick(View v) {

            Log.d(TAG, "Ketika berhenti disini button clicked");

            playVideo(R.raw.ketikaberhentidisini);

        }

    });

    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);

}

}
```