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Тут все просто создаем xml с ImageView

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res-auto"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <ImageView
        android:id="@+id/ivAnim"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_centerInParent="true"
        />

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

В активити находим нужный файл с картинками которые будут составлять анимацию далее я её создал разбив gif на сайте по разбивке на кадры

```
package com.example.practice13

import ...

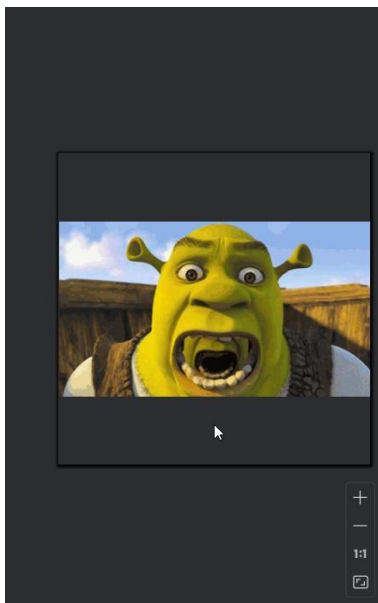
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
            val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
            insets
        }
        val img : ImageView = findViewById(R.id.ivAnim)
        img.setBackgroundResource(R.drawable.cat_animation);
        val frameAnimation = img.background as AnimationDrawable
        frameAnimation.start()
    }
}
```

```

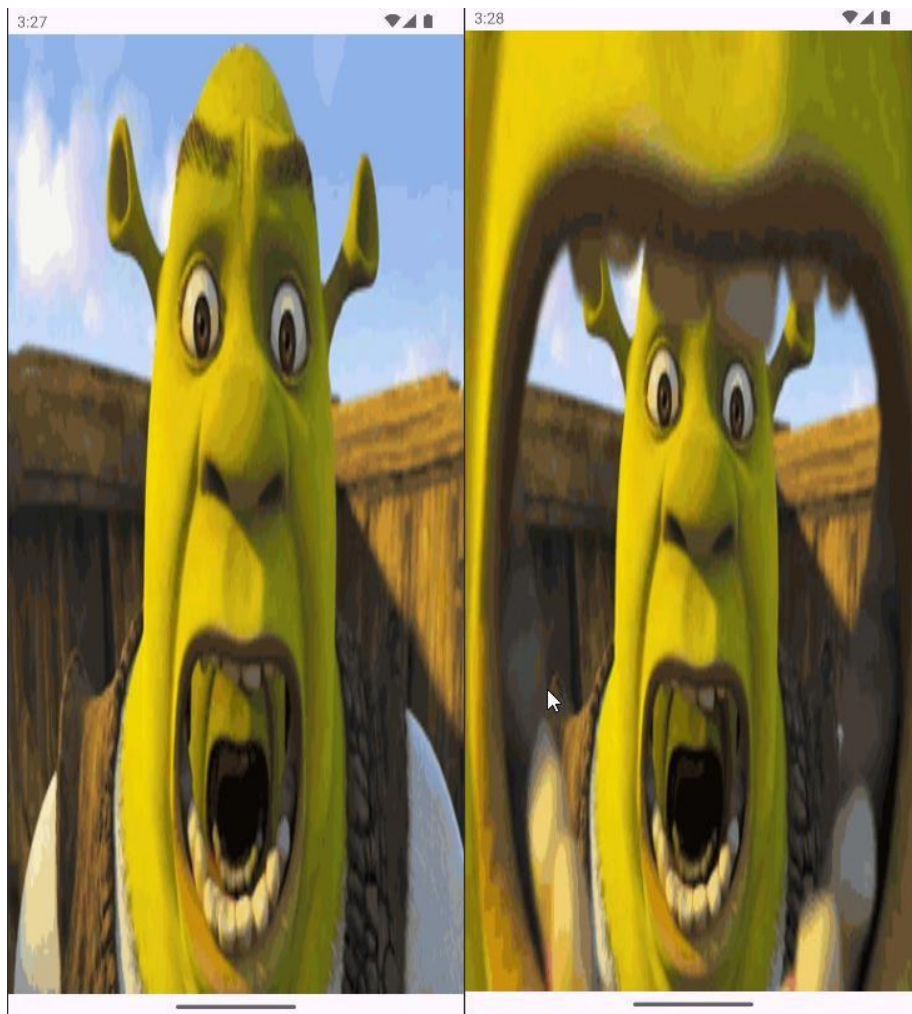
<?xml version="1.0" encoding="utf-8"?>
<animation-list xmlns:android="http://schemas.android.com/apk/res/android" and
    <item android:drawable="@drawable/frame_01" android:duration="250" />
    <item android:drawable="@drawable/frame_02" android:duration="250" />
    <item android:drawable="@drawable/frame_03_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_04_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_05_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_05_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_06_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_06_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_07_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_08_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_09_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_10_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_11_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_12_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_13_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_14_0000" android:duration="250" />
    <item android:drawable="@drawable/frame_15" android:duration="250" />
    <item android:drawable="@drawable/frame_16" android:duration="250" />
    <item android:drawable="@drawable/frame_17" android:duration="250" />
    <item android:drawable="@drawable/frame_18" android:duration="250" />
    <item android:drawable="@drawable/frame_19" android:duration="250" />
    <item android:drawable="@drawable/frame_20" android:duration="250" />
</animation-list>

```

- frame\_01.jpg
- frame\_02.jpg
- frame\_03\_0000.jpg
- frame\_04\_0000.jpg
- frame\_05\_0000.jpg
- frame\_06\_0000.jpg
- frame\_07\_0000.jpg
- frame\_08\_0000.jpg
- frame\_09\_0000.jpg
- frame\_10\_0000.jpg
- frame\_11\_0000.jpg
- frame\_12\_0000.jpg
- frame\_13\_0000.jpg
- frame\_14\_0000.jpg
- frame\_15.jpg
- frame\_16.jpg
- frame\_17.jpg
- frame\_18.jpg



Пример работы



2 часть  
Вот xml такой же

```

<?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:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <ImageView
        android:id="@+id/ivAnimCat"
        android:layout_width="414dp"
        android:layout_height="727dp"
        android:src="@drawable/maxresdefault"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

Основной код

```

package com.example.practice13_2

import ...

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
            val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
            insets
        }
        val imgCat : ImageView = findViewById(R.id.ivAnimCat)
        val anim : Animation = AnimationUtils.loadAnimation(context: this, R.anim.new_anim)
        imgCat.startAnimation(anim)
    }
}

```

Папка anim

anim

new\_anim.xml

Ну и сами анимации

```

<?xml version="1.0" encoding="utf-8"?>
<set xmlns:android="http://schemas.android.com/apk/res/android"
    android:interpolator="@android:anim/linear_interpolator">
    <scale android:fromXScale="1.0" android:toXScale="0.5"
        android:fromYScale="1.0" android:toYScale="0.5"
        android:pivotX="50%" android:pivotY="50%" android:duration="4500"
        android:repeatCount="infinite" android:repeatMode="reverse" />
    <alpha android:fromAlpha="1.0" android:toAlpha="0.1"
        android:duration="2250"
        android:repeatCount="infinite" android:repeatMode="reverse" />
    <translate android:fromXDelta="0.0"
        android:toXDelta="50.0"
        android:fromYDelta="20.0"
        android:toYDelta="80.0"
        android:duration="2250"
        android:repeatMode="reverse"
        android:repeatCount="infinite" />
</set>

```

Пример работы:

12:12



12:12



12:12

