Задание 13

MainActivity

```
import android.os.Bundle
import android.view.animation.Animation
import android.view.animation.AnimationUtils
import android.widget.ImageView
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        val imgCat : ImageView = findViewById(R.id.ivAnimCat)
        val anim : Animation = AnimationUtils.loadAnimation(this,R.anim.animation_new)
        imgCat.startAnimation(anim)
    }
}
```

анимация:

```
?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"</pre>
       android:fromYScale="1.0" android:toYScale="0.5"
       android:pivotX="50%" android:pivotY="50%" android:duration="4500"
       android:repeatCount="infinite" android:repeatMode="reverse" />
   <rotate
       android:fromDegrees="0.0"
       android:toDegrees="0.0"
       android:pivotX="50%"
       android:pivotY="50%" />
   <alpha android:fromAlpha="1.0" android:toAlpha="0.0"
       android:duration="250"
       android:repeatCount="infinite"
       android:repeatMode="reverse" />
   <translate android:fromXDelta="0.0"</pre>
       android:toXDelta="100.0"
       android:fromYDelta="20.0"
       android:toYDelta="120.0"
       android:duration="250"
       android:repeatMode="reverse"
       android:repeatCount="infinite" />
/set>
```

```
<?xml version="1.0" encoding="utf-8"?>
                                                                                           A1 A1 ^
androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/a
   xmlns:app="http://schemas.android.com/apk/res-auto"
   android:id="@+id/main"
   android:layout_width="match_parent"
   android:layout_height="match_parent"
   <ImageView
       android:id="@+id/ivAnimCat"
       android:layout_width="200dp"
       android:layout_height="200dp"
       android:src="@drawable/cat"
       app:layout_constraintBottom_toBottomOf="parent"
       app:layout_constraintEnd_toEndOf="parent"
       app:layout_constraintStart_toStartOf="parent"
       app:layout_constraintTop_toTopOf="parent" />
/androidx.constraintlayout.widget.ConstraintLayout>
```

```
<?xml version="1.0" encoding="utf-8"?>
                                                                                           1 2 A1 ^
androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/
    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"
    <ImageView
       android:id="@+id/ivAnimCat"
       android:layout_width="200dp"
       android:layout_height="200dp"
       android:src="@drawable/fox"
       app:layout_constraintBottom_toBottomOf="parent"
       app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
       app:layout_constraintTop_toTopOf="parent" />
```



