

Практическая 13 Кирюшкин Артём ИС221

```
activity_main.xml x MainActivity.kt animation_new.xml cat_animation.xml
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/main"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     tools:context=".MainActivity">
9
10     <ImageView
11         android:id="@+id/ivAnimCat"
12         android:layout_width="200dp"
13         android:layout_height="200dp"
14         android:src="@drawable/cat"
15         app:layout_constraintBottom_toBottomOf="parent"
16         app:layout_constraintEnd_toEndOf="parent"
17         app:layout_constraintStart_toStartOf="parent"
18         app:layout_constraintTop_toTopOf="parent" />
19
20 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
activity_main.xml MainActivity.kt x animation_new.xml cat_animation.xml
1 package com.example.practice13
2
3 > import ...
13
14 <?> class MainActivity : AppCompatActivity() {
15     @SuppressWarnings("MissingInflatedId")
16     override fun onCreate(savedInstanceState: Bundle?) {
17         super.onCreate(savedInstanceState)
18         enableEdgeToEdge()
19         setContentView(R.layout.activity_main)
20         val imgCat : ImageView = findViewById(R.id.ivAnimCat)
21         val anim : Animation = AnimationUtils.loadAnimation(context=this,R.anim.animation_new)
22         imgCat.startAnimation(anim)
23     }
24 }
```

```
activity_main.xml MainActivity.kt animation_new.xml x cat_animation.xml
1 <?xml version="1.0" encoding="utf-8"?>
2 <set xmlns:android="http://schemas.android.com/apk/res/android"
3     android:interpolator="@android:anim/linear_interpolator">
4     <scale android:fromXScale="1.0" android:toXScale="0.5"
5         android:fromYScale="1.0" android:toYScale="0.5"
6         android:pivotX="50%" android:pivotY="50%" android:duration="4500"
7         android:repeatCount="infinite" android:repeatMode="reverse" />
8     <rotate
9         android:fromDegrees="0.0"
10        android:toDegrees="60.0"
11        android:pivotX="50%"
12        android:pivotY="50%" />
13    <alpha android:fromAlpha="1.0" android:toAlpha="0.1"
14        android:duration="2250"
15        android:repeatCount="infinite" android:repeatMode="reverse" />
16    <translate android:fromXDelta="0.0"
17        android:toXDelta="50.0"
18        android:fromYDelta="20.0"
19        android:toYDelta="80.0"
20        android:duration="2250"
21        android:repeatMode="reverse"
22        android:repeatCount="infinite" />
23 </set>
```

```
activity_main.xml MainActivity.kt animation_new.xml cat_animation.xml x
1 <?xml version="1.0" encoding="utf-8"?>
2 <animation-list xmlns:android="http://schemas.android.com/apk/res/android" android:oneshot="false">
3
4 <item android:drawable="@drawable/first" android:duration="250" />
5 <item android:drawable="@drawable/pic2" android:duration="250" />
6 <item android:drawable="@drawable/pic3" android:duration="250" />
7 <item android:drawable="@drawable/pic4" android:duration="250" />
8 </animation-list>
```

