

Лабораторная работа №13. Иванчук Вячеслав Сергеевич

Animation

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res-auto"
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     android:orientation="vertical"
10    android:configChanges="orientation">
11
12    <ImageView
13        android:id="@+id/ivAnim"
14        android:layout_width="match_parent"
15        android:layout_height="match_parent"
16    />
17
18 </androidx.constraintlayout.widget.ConstraintLayout>

```

```

package com.example.animation

import androidx.appcompat.app.AppCompatActivity

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.animation);
        val frameAnimation = img.background as AnimationDrawable
        frameAnimation.start()
    }
}

```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <animation-list xmlns:android="http://schemas.android.com/apk/res/android"
3     android:oneshot="false">
4     <item android:drawable="@drawable/pic01" 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     <item android:drawable="@drawable/pic5" android:duration="250" />
9     <item android:drawable="@drawable/pic6" android:duration="250" />
10    <item android:drawable="@drawable/pic7" android:duration="250" />
11    <item android:drawable="@drawable/pic8" android:duration="250" />
12    <item android:drawable="@drawable/pic9" android:duration="250" />
13    <item android:drawable="@drawable/pic10" android:duration="250" />
14    <item android:drawable="@drawable/pic11" android:duration="250" />
15
16
17 </animation-list>
```

Видим что анимка работает

