

Кнопка. Реализация перехода между активностями

В activity\_main.xml пишем код для кнопки

```
MainActivity2.kt  Activity2.kt  </> activity2.xml  </> activity_main.xml x M v | ≡ ≡0 ≡3
2      <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas
28      <EditText
36          android:textStyle="bold|italic"
37          android:padding="20dp"
38          tools:ignore="MissingConstraints" />
39
40      <Button
41          android:id="@+id/btn1"
42          android:layout_width="275dp"
43          android:layout_height="53dp"
44          android:layout_marginStart="68dp"
45          android:text="Начать"
46          app:layout_constraintBottom_toBottomOf="parent"
47          app:layout_constraintStart_toStartOf="parent"
48          app:layout_constraintTop_toBottomOf="@+id/editText"
49          app:layout_constraintVertical_bias="0.382" />
50
```

Создание intent для реализации перехода в другую активность

```
Project  activity.kt x  </> activity_main2.xml  MainActivity2.kt  Activity2.kt  </> activity2.xml  v : Ru
10      import android.widget.Button
11
12      class MainActivity : AppCompatActivity() {
13          @SuppressWarnings("MissingInflatedId")
14          override fun onCreate(savedInstanceState: Bundle?) {
15              super.onCreate(savedInstanceState)
16              enableEdgeToEdge()
17              setContentView(R.layout.activity_main)
18
19              val btn1 = findViewById<Button>(R.id.btn1)
20              btn1.setOnClickListener {
21                  val intent = Intent(this, Activity2::class.java)
22                  intent.putExtra("text", "Izmeniy text")
23                  startActivity(intent)
24              }
25
26              ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
27                  val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
28                  v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bott
29                  insets
30              }
```

Вторая активность:

```
MainActivity2.kt  Activity2.kt  </> activity2.xml  </> activity_main.xml  AndroidManifest.xml  ⚠ 1 2 ^ v
1  package com.example.ml1
2
3  import android.os.Bundle
4  import android.widget.TextView
5  import androidx.appcompat.app.AppCompatActivity
6
7  <?> class Activity2 : AppCompatActivity() {
8  @  override fun onCreate(savedInstanceState: Bundle?) {
9      super.onCreate(savedInstanceState)
10     setContentView(R.layout.activity2)
11
12     val intent = intent
13
14     val number = intent.getIntExtra("number", 0)
15     val string = intent.getStringExtra("string")
16
17     val textView = findViewById<TextView>(R.id.textView)
18     textView.text = "Число: $number\nСтрока: $string"
19 }
20 }
21
```

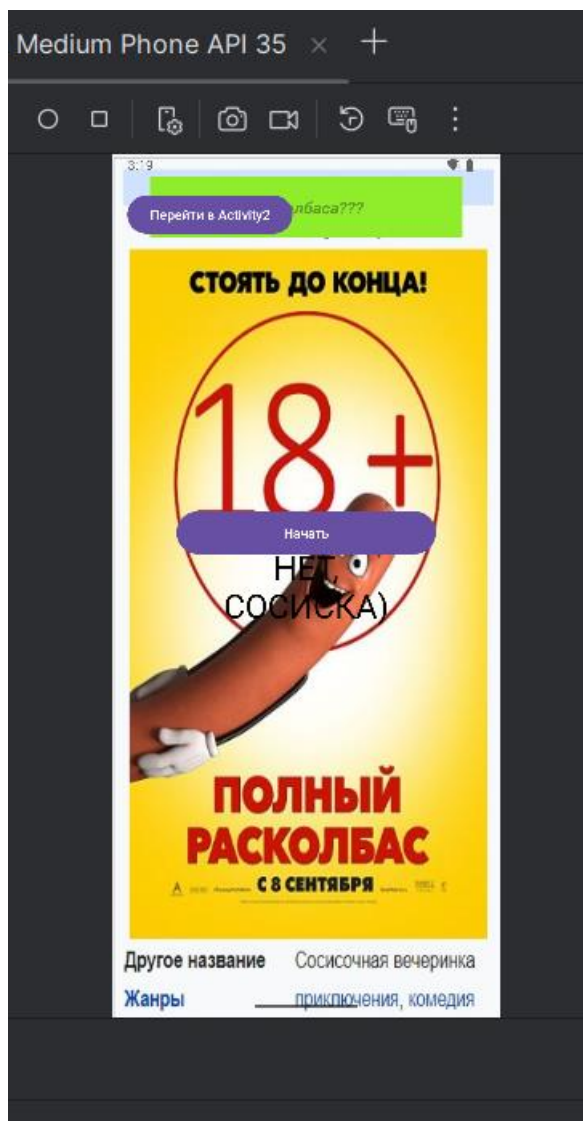
```
</> activity_main2.xml  MainActivity2.kt  Activity2.kt  </> activity2.xml  ⚠ 1 ^ v  Activities  Component Tree
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Нажать"
            android:layout_centerInParent="true" />

    </RelativeLayout>

    <TextView
        android:id="@+id/textView"
    </TextView>
</LinearLayout>
```



После нажатия на кнопку «Начать»

