

## Практическая работа 3 Кирюшкин Артём Евгеньевич ИС221

```
1  >import androidx.appcompat.app.AppCompatActivity
2
3  >import androidx.core.view.WindowCompat
4
5  >import androidx.core.view.WindowInsetsCompat
6
7  >import androidx.core.view.WindowInsetsControllerCompat
8
9  >import androidx.core.view.WindowInsetsControllerCompat
10
11 class MainActivity : AppCompatActivity() {
12     override fun onCreate(savedInstanceState: Bundle?) {
13         super.onCreate(savedInstanceState)
14         enableEdgeToEdge()
15         setContentView(R.layout.activity_main)
16         WindowCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
17             val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
18             v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
19             insets
20         }
21
22         val button = findViewById<Button>(R.id.button_1)
23
24         button.setOnClickListener {
25             val intent = Intent(packageContext, MainActivity2::class.java)
26             startActivity(intent)
27
28             intent.putExtra(name="text", value="3то худшая пара на свете")
29             startActivity(intent)
30
31             intent.putExtra(name="num", value="0/100")
32             startActivity(intent)
33         }
34     }
35 }
```

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <LinearLayout 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      android:gravity="center"
9      android:orientation="vertical"
10     tools:context=".MainActivity"
11     android:background="@drawable/fon">
12
13     <TextView
14         android:id="@+id/hello"
15         android:layout_width="wrap_content"
16         android:layout_height="wrap_content"
17         android:layout_gravity="center"
18         android:gravity="center"
19         android:text="Проверка их совместимости"
20         android:textAllCaps="true"
21         android:textColor="@color/red"
22         android:textSize="35sp"
23         android:textStyle="bold|italic"
24         android:background="@color/Blue"
25         android:padding="20dp"/>
26
27     <EditText
28         android:id="@+id/editText"
29         android:layout_width="match_parent"
30         android:layout_height="wrap_content"
31         android:layout_margin="40dp"
32         android:hint="Как вы думаете?"
33         android:gravity="center"/>
34
```

lessonThreeApp-main > app > src > main > res > layout > activity\_main.xml

```
activity_main.xml x MainActivity.kt MainActivity2.kt strings.xml colors.xml activity_main2.xml
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
13 <TextView
19     android:text="Проверка их совместимости"
20     android:textAllCaps="true"
21     android:textColor="@color/red"
22     android:textSize="35sp"
23     android:textStyle="bold|italic"
24     android:background="@color/Blue"
25     android:padding="20dp"/>
26
27 <EditText
28     android:id="@+id/editText"
29     android:layout_width="match_parent"
30     android:layout_height="wrap_content"
31     android:layout_margin="40dp"
32     android:hint="Как вы думаете?"
33     android:gravity="center"/>
34
35 <Button
36     android:id="@+id/button_1"
37     android:layout_width="275dp"
38     android:layout_height="50dp"
39     android:text="Попробуем узнать"
40     android:gravity="center"
41     app:layout_constraintBottom_toBottomOf="parent"
42     app:layout_constraintStart_toStartOf="parent"
43     app:layout_constraintVertical_bias="0.382"/>
44
45 </LinearLayout>
```

```
activity_main.xml MainActivity.kt MainActivity2.kt strings.xml x colors.xml activity_main2.xml
1 <resources>
2     <string name="app_name">practice</string>
3     <string name="sovmest">Проверка их совместимости</string>
4     <string name="variant">Как вы думаете?</string>
5     <string name="buttonEnterVariant">Попробуем узнать</string>
6 </resources>
```

```
activity_main.xml MainActivity.kt MainActivity2.kt strings.xml colors.xml x activity_main2.xml
1 <?xml version="1.0" encoding="utf-8"?>
2 <resources>
3     <color name="black">#FF000000</color>
4     <color name="white">#FFFFFFFF</color>
5     <color name="red">#800000</color>
6     <color name="Blue">#000080</color>
7 </resources>
```

```
2
3 > import ...
10
... 11 class MainActivity2 : AppCompatActivity() {
12     override fun onCreate(savedInstanceState: Bundle?) {
13         super.onCreate(savedInstanceState)
14         enableEdgeToEdge()
15         setContentView(R.layout.activity_main2)
16         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
17             val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
18             v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
19             insets
20         }
21
22         val text = findViewById<TextView>(R.id.textView1)
23         val num = findViewById<TextView>(R.id.textView2)
24
25         val messageText = intent.getStringExtra( name: "text")
26         val numText = intent.getIntExtra( name: "num", defaultValue: 1)
27         text.text = messageText
28         num.text = numText.toString()
29     }
30 }
31 }
```

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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=".MainActivity2"
    android:orientation="vertical">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:gravity="center"
        android:paddingVertical="20dp"
        android:text="TextView"
        android:textColor="@color/red"
        android:textSize="30dp" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="TextView"
        android:textColor="@color/red"
        android:textSize="30dp"
        android:layout_gravity="center"
        android:paddingVertical="20dp"/>
</LinearLayout>
```

# Результат:

