


Практическая работа 2 (Кнопка) Кирюшкин Артём ИС221



```
1 package com.MyTestProject
2
3 > import ...
4
5
6
7
8
9
10
11 class MainActivity : AppCompatActivity() {
12     override fun onCreate(savedInstanceState: Bundle?) {
13         super.onCreate(savedInstanceState)
14         enableEdgeToEdge()
15         setContentView(R.layout.activity_main)
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         val btn : Button = findViewById(R.id.btn_1)
22         btn.setOnClickListener{
23             val intent = Intent(packageContext, MainActivity2::class.java)
24             startActivity(intent)
25         }
26     }
27 }
28 }
```

The screenshot shows the Android Studio IDE with the 'activity_main.xml' file open. The XML code defines a ConstraintLayout with a single child, a TextView. The TextView is configured with the following attributes:

- `android:id="@+id/_XaЙ5e6u6opH"`
- `android:layout_width="418dp"`
- `android:layout_height="67dp"`
- `android:layout_gravity="center"`
- `android:layout_margin="40dp"`
- `android:background="@color/pink"`
- `android:gravity="center"`
- `android:hint="@string/str2"`
- `android:padding="1dp"`
- `android:text="Вечер е хатй"`
- `android:textAllCaps="true"`
- `android:textColor="@color/violet"`
- `android:textSize="35sp"`
- `android:textStyle="bold|italic"`

The bottom toolbar includes buttons for 'Build', 'Sync', 'Build Output', and 'Build Analyzer'. The status bar at the bottom indicates the current project is 'MyTestProject' and the file path is 'app > src > main > res > layout > activity_main.xml'.

```
MainActivity.kt MainActivity2.kt activity_main.xml activity_main2.xml colors.xml strings.xml
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
12 <TextView
30     app:layout_constraintBottom_toBottomOf="parent"
31     app:layout_constraintEnd_toEndOf="parent"
32     app:layout_constraintHorizontal_bias="0.571"
33     app:layout_constraintStart_toStartOf="parent"
34     app:layout_constraintTop_toTopOf="parent"
35     app:layout_constraintVertical_bias="0.129" />
36
37 <EditText
38     android:id="@+id/editText2"
39     android:layout_width="356dp"
40     android:layout_height="59dp"
41     android:hint="Имя дай"
42     app:layout_constraintBottom_toBottomOf="parent"
43     app:layout_constraintTop_toBottomOf="@+id/_ХайБэбиБорн"
44     app:layout_constraintVertical_bias="0.744"
45     tools:ignore="MissingConstraints"
46     tools:layout_editor_absoluteX="27dp" />
47
48 <Button
49     android:id="@+id/btn_1"
50     android:layout_width="275dp"
51     android:layout_height="53dp"
52     android:text="@string/str3"
53     app:layout_constraintBottom_toBottomOf="parent"
54     app:layout_constraintEnd_toEndOf="parent"
55     app:layout_constraintStart_toStartOf="parent"
56     app:layout_constraintTop_toTopOf="parent"
57     app:layout_constraintVertical_bias="0.915" />
58 </androidx.constraintlayout.widget.ConstraintLayout>
59
```

```
MainActivity.kt MainActivity2.kt activity_main.xml activity_main2.xml colors.xml
1 <?xml version="1.0" encoding="utf-8"?>
2 <resources>
3     <color name="pink">#FFC107</color>
4     <color name="white">#2196F3</color>
5     <color name="violet">#EE82EE</color>
6 </resources>
```

```
MainActivity.kt MainActivity2.kt activity_main.xml activity_main2.xml colors.xml strings.xml
1 <resources>
2     <string name="app_name">Practice2</string>
3     <string name="str2">Имя дай</string>
4     <string name="str3">Бэмс</string>
5 </resources>
```

Всё что выше нам нужно для первой страницы и для кнопки.

```
MainActivity.kt MainActivity2.kt activity_main.xml activity_main2.xml colors.xml strings.xml
1 package com.MyTestProject
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 }
23
24 }
```

```
MainActivity.kt MainActivity2.kt </> activity_main.xml </> activity_main2.xml × </> colors.xml </> strings.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=".MainActivity2">
9
10   <ImageView
11     android:layout_width="502dp"
12     android:layout_height="661dp"
13     android:src="@drawable/i"
14     app:layout_constraintBottom_toBottomOf="parent"
15     app:layout_constraintTop_toTopOf="parent"
16     tools:layout_editor_absoluteX="-46dp" />
17
18 </androidx.constraintlayout.widget.ConstraintLayout>
```

А это нужно нам для второй страницы

Результат:

