

Практическая работа № 1 Android studio выполнил Кучеренко Глеб ИС233

Весь код:

```
activity_main.xml x fon.jpg colors.xml strings.xml MainActivity.kt
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout
3     xmlns:android="http://schemas.android.com/apk/res/android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:id="@+id/main"
7     android:layout_width="match_parent"
8     android:layout_height="match_parent"
9     android:background="@drawable/fon"
10    tools:context=".MainActivity">
11
12    <TextView
13        android:id="@+id/txt"
14        android:layout_width="wrap_content"
15        android:layout_height="wrap_content"
16        android:background="@color/green"
17        android:gravity="center"
18        android:text="@string/str1"
19        android:textAllCaps="false"
20        android:textColor="#1E8855"
21        android:textSize="35sp"
22        android:textStyle="bold"
23        app:layout_constraintBottom_toBottomOf="parent"
24        app:layout_constraintEnd_toEndOf="parent"
25        app:layout_constraintStart_toStartOf="parent"
26        app:layout_constraintTop_toTopOf="parent"
27        app:layout_constraintVertical_bias="0.056" />
28
29    <EditText
30        android:layout_width="379dp"
31        android:layout_height="133dp"
32        android:layout_marginStart="16dp"
33        android:layout_marginTop="4dp"
34        android:layout_marginEnd="16dp"
35        android:gravity="center"
36        android:hint="@string/str2"
37        app:layout_constraintEnd_toEndOf="parent"
38        app:layout_constraintHorizontal_bias="0.0"
39        app:layout_constraintStart_toStartOf="parent"
40        app:layout_constraintTop_toBottomOf="@+id/txt" />
41 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
    <color name="blue">#1E88E5</color>
    <color name="green">#CDDC39</color>
</resources>
```

```
<resources>
    <string name="app_name">My Application</string>
    <string name="str1">добро пожаловать!</string>
    <string name="str2">введите свое имя</string>
</resources>
```

```
package com.example.myapplication

import ...

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
        }
    }
}
```

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