**activity\_main.xml**

<?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:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

android:background="@drawable/fon"

android:gravity="center"

android:padding="16dp">

<TextView

android:id="@+id/lab1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:background="@color/green"

android:gravity="center"

android:text="@string/str1"

android:textAllCaps="false"

android:textColor="@color/blue"

android:textSize="35sp"/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_margin="40dp"

android:gravity="center"

android:hint="@string/str2"

android:background="@color/white"

tools:layout\_editor\_absoluteX="125dp"

tools:layout\_editor\_absoluteY="375dp"

/>

<androidx.appcompat.widget.AppCompatButton

android:id="@+id/btn\_start"

style="@style/btn\_style1"

android:text="@string/str3"

/>

</LinearLayout>

**strings.xml**

<resources>

<string name="app\_name">lab1</string>

<string name="str1">Велкам!</string>

<string name="str2">Введите своё имя</string>

<string name="str3">Начать</string>

<style name="btn\_style1">

<item name="android:layout\_width">wrap\_content</item>

<item name="android:layout\_height">wrap\_content</item>

<item name="android:textColor">@color/black</item>

<item name="android:textSize">25sp</item>

<item name="android:textAllCaps">false</item>

<item name="android:gravity">center</item>

<item name="android:layout\_gravity">center</item>

<item name="android:background">#2196F3</item>

<item name="android:textStyle">bold|italic</item>

<item name="android:padding">20dp</item>

<item name="android:typeface">serif</item>

<item name="android:shadowColor">@color/white</item>

<item name="android:shadowDx">10</item>

<item name="android:shadowDy">10</item>

<item name="android:shadowRadius">10</item>

</style>

</resources>

**colors.xml**

<?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>

**activity\_main2.xml**

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

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/main1"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity2">

</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.kt**

package com.example.lab1

import android.content.Intent

import android.os.Bundle

import android.widget.Button

import androidx.activity.enableEdgeToEdge

import androidx.appcompat.app.AppCompatActivity

import androidx.core.view.ViewCompat

import androidx.core.view.WindowInsetsCompat

class MainActivity : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

*enableEdgeToEdge*()

setContentView(R.layout.*activity\_main*)

ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.*lab1*)) **{** v, insets **->**

val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())

v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)

insets

**}**

val btn: Button = findViewById(R.id.*btn\_start*)

btn.setOnClickListener **{**

*intent* = Intent(this,MainActivity2::class.*java*)

*intent*.putExtra("text","nemogy") //Ключ с названием text

startActivity(*intent*)

**}**

}

}

**MainActivity2.kt**

package com.example.lab1

import android.os.Bundle

import android.widget.TextView

import androidx.activity.enableEdgeToEdge

import androidx.appcompat.app.AppCompatActivity

import androidx.core.view.ViewCompat

import androidx.core.view.WindowInsetsCompat

class MainActivity2 : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

*enableEdgeToEdge*()

setContentView(R.layout.*activity\_main2*)

ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.*main1*)) **{** v, insets **->**

val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())

v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)

insets

**}**

val text : TextView = findViewById(R.id.*main1*)

val message = *intent*.getStringExtra("text")

text.*text* = message

}

}

