activity_main.xml

```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"
```

```xml
    />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/btn_start"
        style="@style/btn_style1"
        android:text="@string/str3"
        />



</LinearLayout>
```

strings.xml

```xml
<resources>
    <string name="app_name">lab1</string>
    <string name="str1">Васап Ма Бой!</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>
```

```xml
        <item name="android:shadowDx">10</item>
        <item name="android:shadowDy">10</item>
        <item name="android:shadowRadius">10</item>
    </style>

</resources>
```

colors.xml

```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
<?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

```kotlin
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)
```

```kotlin
        }
    }
}
```

MainActivity2.kt

```kotlin
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


   }
}
```