

Лабораторная работа №2 Android Studio

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activity_main.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    android:padding="16dp"
    android:background="@drawable/fon">

    <TextView
        android:id="@+id/tv1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/str1"
        android:textSize="35sp"
        android:textColor="@color/purple"
        android:background="@color/yellow"
        android:textStyle="bold|italic"
        android:textAllCaps="false"
        android:gravity="center"
        android:layout_marginBottom="40dp" />

    <EditText
        android:id="@+id/editText"
        android:layout_width="match_parent"
        android:layout_height="48dp"
        android:minHeight="48dp"
        android:padding="12dp"
        android:hint="@string/str2"
        android:inputType="text"
        android:background="@drawable/fon" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/btn_start"
        style="@style/btn_style1"
        android:text="@string/str3"
        android:layout_marginTop="30dp" />
</LinearLayout>
```

MainActivity.kt:

```
package com.example.myapplication

import android.os.Bundle
import android.widget.Toast
import androidx.appcompat.app.AppCompatActivity
import androidx.appcompat.widget.AppCompatButton

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        val button = findViewById<AppCompatButton>(R.id.btn_start)
        button.setOnClickListener {
```

```

        Toast.makeText(this, "Кнопка работает!",
Toast.LENGTH_SHORT).show()
    }
}
}

```

colors.xml:

```

<resources>
    <color name="blue">#1E88E5</color>
    <color name="yellow">#CDDC39</color>
    <color name="purple">#9C27B0</color>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFF</color>
    <color name="button_blue">#2196F3</color>
</resources>

```

strings.xml:

```

<resources>
    <string name="app_name">test</string>
    <string name="str1">Добро пожаловать!</string>
    <string name="str2">Введите своё имя</string>
    <string name="str3">Начать</string>
</resources>

```

styles.xml:

```

<resources>
    <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">@color/button_blue</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>

```

Результат:

