



UNIVERSIDAD DE COLIMA

Universidad de Colima

Facultad de Telemática

Ingeniería de software

Programación de Móviles

Aplicación para sumar 2 números en Android Studio – Kotlin

Segunda parcial

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5°D

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Codigo 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:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        android:padding="15dp"
        >

        <TextView
            android:id="@+id/textView2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Valor 1"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />

        <EditText
            android:id="@+id/et1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="numberDecimal"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />

        <TextView
            android:id="@+id/textView3"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Valor 2"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />

        <EditText
            android:id="@+id/et2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="numberDecimal"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />

        <Button
            android:id="@+id/button"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Sumar"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />

    </LinearLayout>

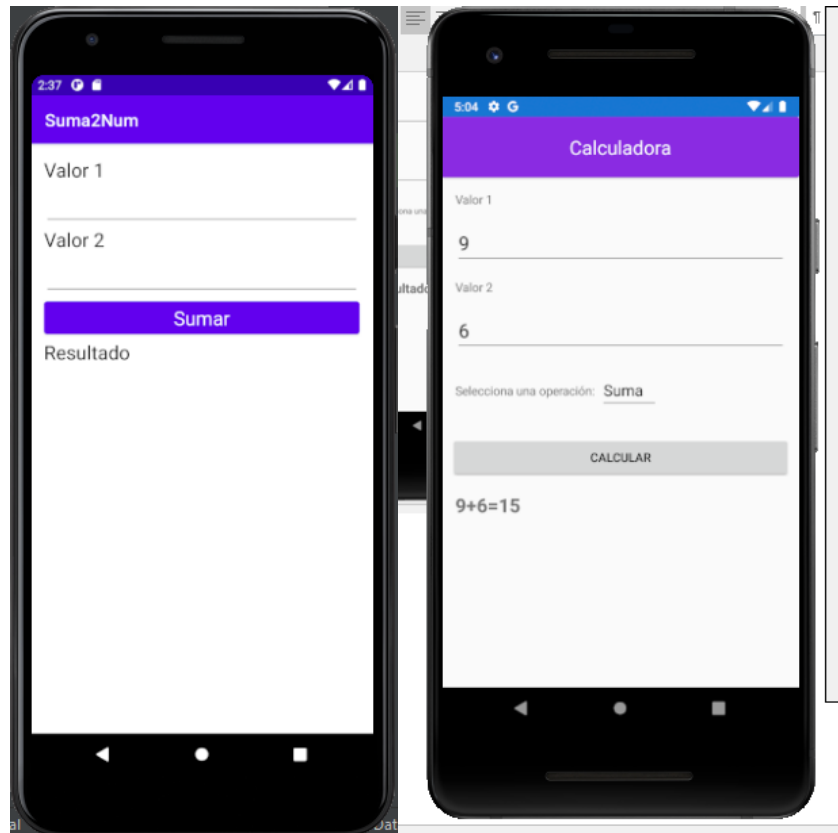
</androidx.constraintlayout.widget.ConstraintLayout>
```

```

        <TextView
            android:id="@+id/tv1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Resultado"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />
    </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>

```

Interfaz



Codigo Kotlin

```

package com.example.suma2num

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import kotlinx.android.synthetic.main.activity_main.*

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

```

```
button.setOnClickListener {  
    var suma= et1.text.toString().toInt() + et2.text.toString().toInt()  
    tv1.text = "Resultado: ${suma.toString()}"  
}  
}
```