

## Evidencia dia 3 semana 13

Hoy aprendimos a como programar en Kotlin una calculadora sencilla con Radio Button y CheckBox .

### Método Kotlin Calculadora RadioButton

```
import android.os.Bundle
import android.view.View
import android.widget.*
import androidx.appcompat.app.AppCompatActivity

class MainActivity : AppCompatActivity() {
    private var ed1: EditText? = null
    private var ed2: EditText? = null
    private var tv1: TextView? = null
    private var suma: RadioButton? = null
    private var resta: RadioButton? = null
    private var multi: RadioButton? = null
    private var div: RadioButton? = null
    private var res: Button? = null

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        ed1 = findViewById(R.id.ed1)
        ed2 = findViewById(R.id.ed2)
        tv1 = findViewById(R.id.resultado)
        suma = findViewById(R.id.radioButton2)
        resta = findViewById(R.id.radioButton3)
        multi = findViewById(R.id.radioButton4)
        div = findViewById(R.id.radioButton5)
        res = findViewById(R.id.button)
    }

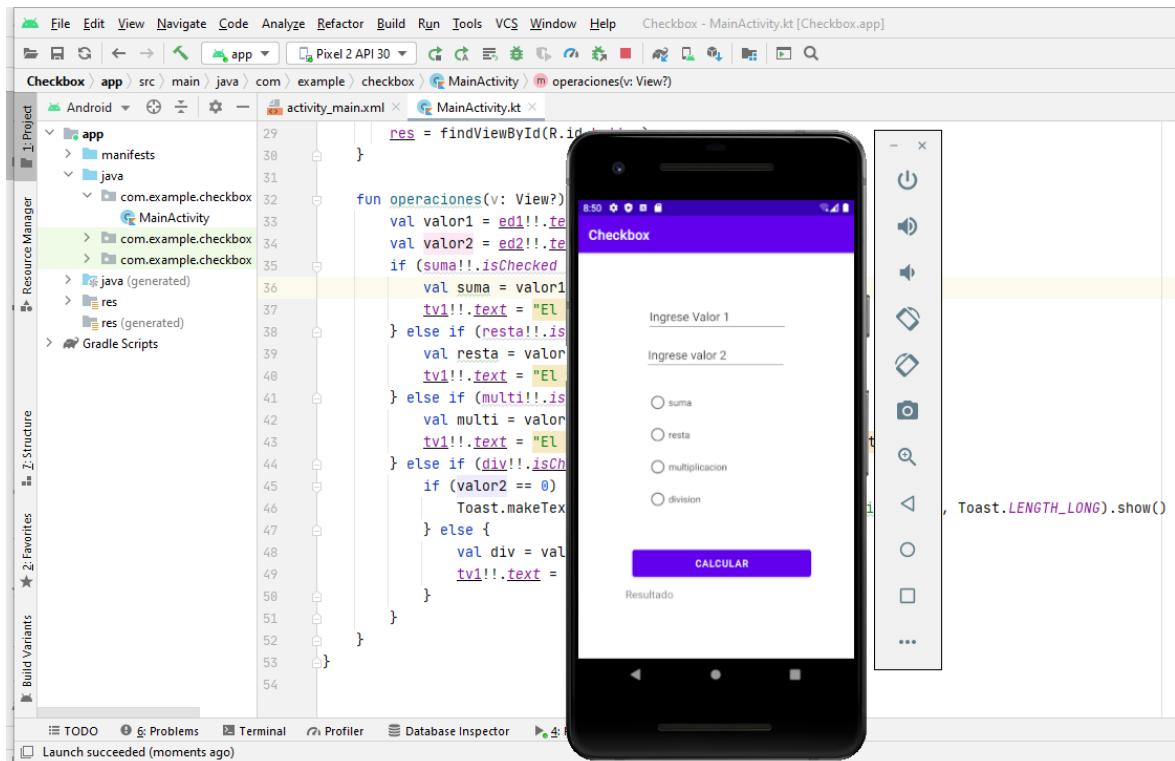
    fun operaciones(v: View?) {
        val valor1 = ed1!!.text.toString().toInt()
        val valor2 = ed2!!.text.toString().toInt()
        if (suma!!.isChecked == true) {
            val suma = valor1 + valor2
            tv1!!.text = "El valor de la suma es: $suma"
        } else if (resta!!.isChecked == true) {
            val resta = valor1 - valor2
            tv1!!.text = "El valor de la resta es: $resta"
        } else if (multi!!.isChecked == true) {
            val multi = valor1 * valor2
            tv1!!.text = "El valor de la multiplicación es: $multi"
        } else if (div!!.isChecked) {
            if (valor2 == 0) {
                Toast.makeText(this, "Imposible dividir por 0", Toast.LENGTH_LONG).show()
            }
        }
    }
}
```

```

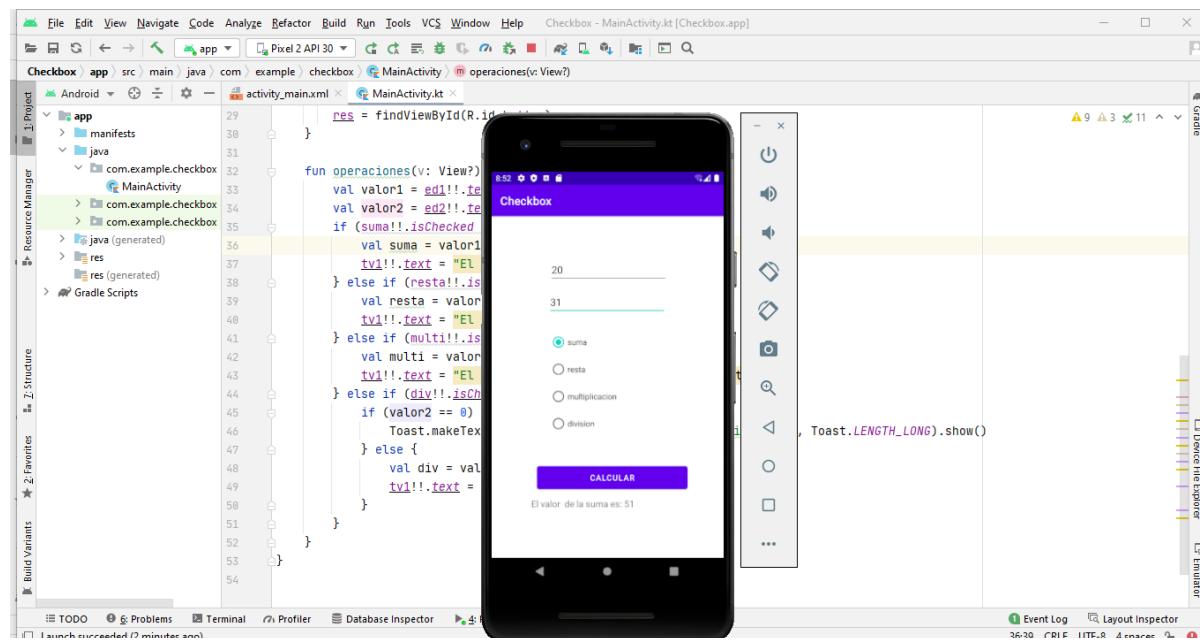
        } else {
            val div = valor1 / valor2
            tv1!!.text = "El valor de la división es: $div"
        }
    }
}
}

```

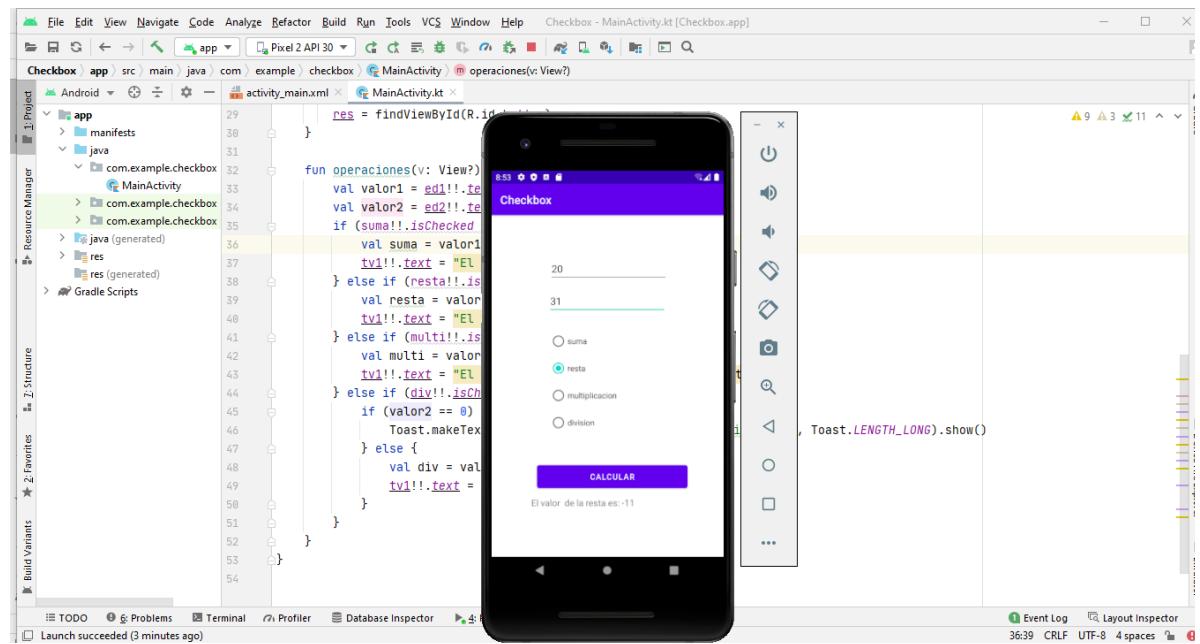
## Emulador



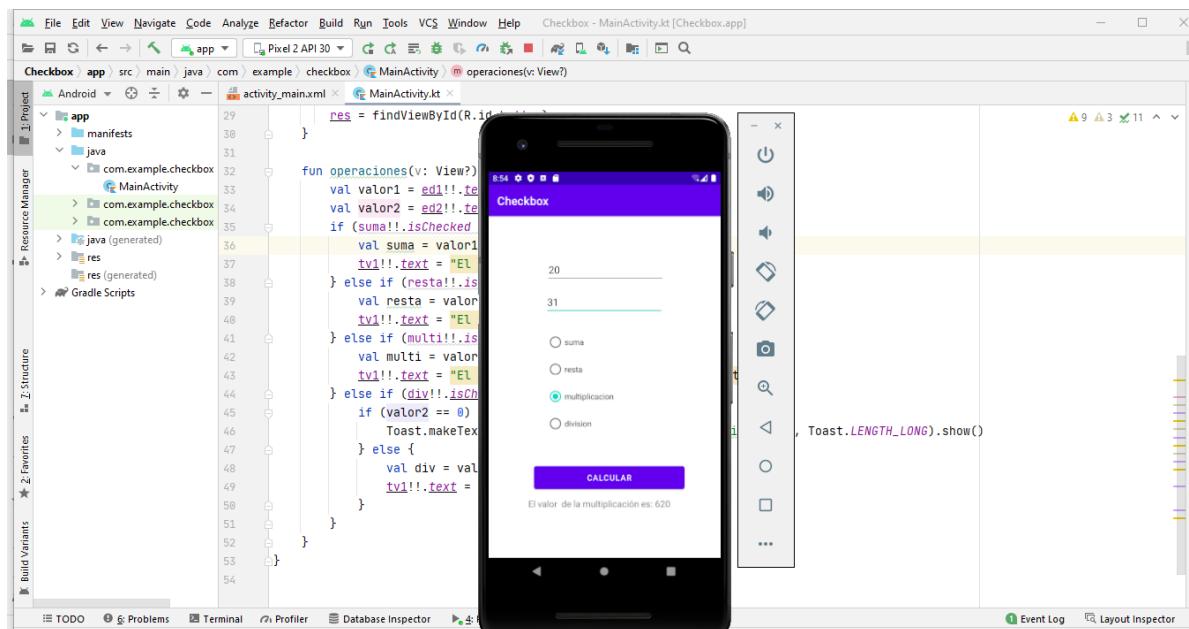
## Función Sumar



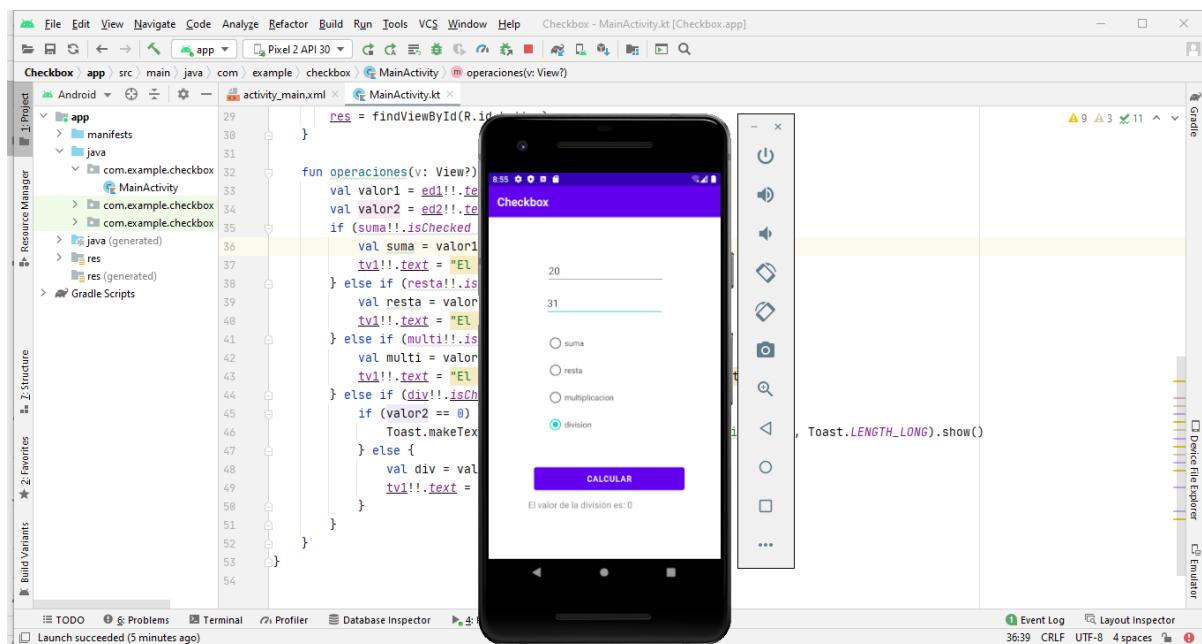
## Restar



## Función multi



## Función Div



Reflexión: Hoy se programó una c-sencilla calculadora en Kotlin con los componentes Radiobutton Y checkBox.