

1. MainActivity.kt

```
package com.example.simplecounter

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

class MainActivity : AppCompatActivity() {
    var count = 0

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

    fun reset(view : View){
        count = 0
        textView4.text = count.toString()
    }

    fun decrement(view : View){
        count--
        textView4.text = count.toString()
    }

    fun increment(view: View) {
        count++
        textView4.text = count.toString()
    }
}
```

## 2.activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/a
    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:id="@+id/linearLayout2"
        android:layout_width="380dp"
        android:layout_height="490dp"
        android:orientation="vertical"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.7">

        <Button
            android:id="@+id/button"
            android:layout_width="match_parent"
            android:layout_height="96dp"
            android:onClick="increment"
            android:text="Increment" />

        <TextView
            android:id="@+id/textView4"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="0"
            android:textSize="70sp" />

        <Button
            android:id="@+id/button2"
            android:layout_width="match_parent"
            android:layout_height="87dp"
            android:onClick="decrement"
            android:text="Decrement" />

        <Button
            android:id="@+id/button3"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:onClick="reset"
            android:text="Reset" />

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



