

calculator:

xml:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:layout_marginEnd="179dp"
        android:layout_marginBottom="652dp"
        android:text="SimpleCalci"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
    <EditText
        android:id="@+id/editText1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:layout_marginEnd="138dp"
        android:layout_marginBottom="540dp"
        android:ems="10"
        android:hint="Enter Number-1"
        android:inputType="textPersonName"
        android:text="" />
    <EditText
        android:id="@+id/editText2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:layout_marginEnd="135dp"
        android:hint="Enter Number-2"
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        android:layout_marginBottom="469dp"
        android:ems="10"
        android:inputType="textPersonName"
        android:text="" />
<TextView
    android:id="@+id/textView1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="233dp"
    android:layout_marginBottom="374dp"
    android:text="0"
    android:textSize="30sp" />
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="103dp"
    android:onClick="div"
    android:layout_marginBottom="208dp"
    android:text="DIV" />
<Button
    android:id="@+id/button2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="291dp"
    android:onClick="mul"
    android:layout_marginBottom="208dp"
    android:text="MUL" />
<Button
    android:id="@+id/button3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="101dp"
    android:layout_marginBottom="324dp"
    android:onClick="sub"
    android:text="SUB" />

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<Button
    android:id="@+id/button4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="293dp"
    android:layout_marginBottom="322dp"
    android:onClick="add"
    android:text="ADD" />
</RelativeLayout>

```

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java:
package com.example.calculator;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;
public class MainActivity extends AppCompatActivity {
    EditText e1, e2;
    TextView tv1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        e1 = findViewById(R.id.editText1);
        e2 = findViewById(R.id.editText2);
        tv1 = findViewById(R.id.textView1);
    }
    public void add(View V){
        int a1 = Integer.parseInt(e1.getText().toString());
        int a2 = Integer.parseInt(e2.getText().toString());
        int result = a1+a2;
        tv1.setText(""+result);
    }
    public void sub(View V){
        int a1 = Integer.parseInt(e1.getText().toString());
        int a2 = Integer.parseInt(e2.getText().toString());
        int result = a1-a2;
        tv1.setText(""+result);
    }
    public void mul(View V){
        int a1 = Integer.parseInt(e1.getText().toString());

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        int a2 = Integer.parseInt(e2.getText().toString());
        int result = a1*a2;
        tv1.setText(""+result);
    }
    public void div(View V){
        float a1 = Integer.parseInt(e1.getText().toString());
        float a2 = Integer.parseInt(e2.getText().toString());
        float result = a1/a2;
        tv1.setText(""+result);
    }
}
```