

```

1  package com.example.calculadora;
2
3  import androidx.appcompat.app.AppCompatActivity;
4
5  import android.annotation.SuppressLint;
6  import android.os.Bundle;
7  import android.view.View;
8  import android.widget.Button;
9  import android.widget.EditText;
10 import android.widget.TextView;
11
12
13 import static com.example.calculadora.R.id.Numero1;
14 import static com.example.calculadora.R.id.btnResta;
15
16 public class MainActivity extends AppCompatActivity {
17     //definir variables
18     private TextView TextResultado;
19     private TextView TextSigno;
20
21     private EditText EditNumero1;
22     private EditText EditNumero2;
23
24     private Button btnSuma;
25     private Button btnResta;
26     private Button btnMultiplicacion;
27     private Button btnDivision;
28     private Button btnBorrar;
29
30
31
32
33 @Override
34 protected void onCreate(Bundle savedInstanceState) {
35     super.onCreate(savedInstanceState);
36     setContentView(R.layout.activity_main);
37
38     //Asignar valores de id con variables
39     TextResultado=findViewById(R.id.Resultado);
40     TextSigno=findViewById(R.id.Signo);
41
42     EditNumero1=findViewById(R.id.Numero1);
43     EditNumero2=findViewById(R.id.Numero2);
44
45     btnSuma= findViewById(R.id.btnSuma);
46     btnResta= findViewById(R.id.btnResta);
47     btnMultiplicacion= findViewById(R.id.btnMultiplicacion);
48     btnDivision= findViewById(R.id.btnDivision);
49     btnBorrar=findViewById(R.id.btnBorrar);
50
51
52     //Funcion al dar click
53     btnSuma.setOnClickListener(new View.OnClickListener() {
54         @Override
55         public void onClick(View v) {
56             TextResultado.setText("="+suma(Double.parseDouble(EditNumero1.getText().toString()), Integer.parseInt(EditNumero2.getText().toString()))+"");
57             TextSigno.setText("+");
58         }
59     });
60     btnResta.setOnClickListener(new View.OnClickListener() {
61         @Override
62         public void onClick(View v) {
63             TextResultado.setText("="+resta(Double.parseDouble(EditNumero1.getText().toString()), Integer.parseInt(EditNumero2.getText().toString()))+"");
64             TextSigno.setText("-");
65         }
66     });
67     btnMultiplicacion.setOnClickListener(new View.OnClickListener() {
68         @Override
69         public void onClick(View v) {
70             TextResultado.setText("="+multiplicacion(Double.parseDouble(EditNumero1.getText().toString()), Integer.parseInt(EditNumero2.getText().toString()))+"");
71             TextSigno.setText("*");
72         }
73     });
74     btnDivision.setOnClickListener(new View.OnClickListener() {
75         @Override
76         public void onClick(View v) {
77             if (Integer.parseInt(EditNumero2.getText().toString())==0) {
78                 TextSigno.setText("/");
79                 TextResultado.setText("Math ERROR");
80             } else{
81                 TextResultado.setText("=" + division(Double.parseDouble(EditNumero1.getText().toString()), Integer.parseInt(EditNumero2.getText().toString()))+"");
82                 TextSigno.setText("/");
83             }
84         }
85     });
86     btnBorrar.setOnClickListener(new View.OnClickListener() {
87         @Override
88         public void onClick(View v) {
89             TextResultado.setText("");
90             TextSigno.setText(" ");
91             EditNumero1.getText().clear();
92             EditNumero2.getText().clear();
93         }
94     });
95
96
97 }
98 //operaciones aritmeticas
99 public double suma(double a, double b){
100     return a+b;
101 }
102 public double resta(double a, double b){
103     return a-b;
104 }
105 public double multiplicacion(double a, double b){
106     return a*b;
107 }
108 public double division(double a, double b){

```

```
109     return a / b;
110
111 }
112 }
```