

```

1 package com.something.that;
2
3
4 import android.app.Activity;
10
11 public class main extends Activity {
12     /** Called when the activity is first created. */
13     @Override
14     public void onCreate(Bundle savedInstanceState) {
15         super.onCreate(savedInstanceState);
16         setContentView(R.layout.main);
17     }
18
19     public void calculateButton (View view){
20         final EditText num1Field = (EditText) findViewById(R.id.CalcNum1);
21         final EditText num2Field = (EditText) findViewById(R.id.CalcNum2);
22
23
24         double num1 = 0 ,num2 = 0;
25
26         try {
27             num1 = Double.parseDouble(num1Field.getText().toString());
28             num2 = Double.parseDouble(num2Field.getText().toString());
29         } catch (NumberFormatException nfe) {
30             new AlertDialog.Builder(this).setTitle("Error:").setMessage("FAIL" +
nfe.toString()).setNeutralButton("Close", null).show();
31         }
32
33
34         final Spinner opSpinner = (Spinner) findViewById(R.id.Spinner01);
35         String opType = opSpinner.getSelectedItem().toString();
36
37         //Suma
38         if (opType.equals("+")){
39             double result = num1 + num2;
40             new AlertDialog.Builder(this)
41                 .setTitle("This is your result:")
42                 .setMessage(num1 + " + " + num2 + " = " + result)
43                 .setNeutralButton("Close", null)
44                 .show();
45         //Resta
46         }else if (opType.equals("-")){
47             double result = num1 - num2;
48             new AlertDialog.Builder(this)
49                 .setTitle("This is your result:")
50                 .setMessage(num1 + " - " + num2 + " = " + result)
51                 .setNeutralButton("Close", null)
52                 .show();
53         //Multiplicacion
54         }else if (opType.equals("X")){
55             double result = num1 * num2;
56             new AlertDialog.Builder(this)
57                 .setTitle("This is your result:")
58                 .setMessage(num1 + " X " + num2 + " = " + result)
59                 .setNeutralButton("Close", null)
60                 .show();
61         //Division
62         }else if (opType.equals("/")){
63             if (num2 != 0){
64                 double result = num1 / num2;
65                 new AlertDialog.Builder(this)
66                     .setTitle("This is your result:")
67                     .setMessage(num1 + " / " + num2 + " = " + result)
68                     .setNeutralButton("Close", null)
69                     .show();
70                 //ERROR! Dividido por 0
71             }else{
72                 new AlertDialog.Builder(this)
73                     .setTitle("ERROR!")
74                     .setMessage("Only Chuck Norris can divide by 0!")
75                     .setNeutralButton("BOOM!", null)
76                     .setIcon(R.drawable.icon)
77                     .show();
78             }//End Check 0
79         }//End Operand check
80
81
82

```

main.java

```
83     }//Void calculate Button  
84 }//End MAIN
```