

Dispositivos móviles

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José Antonio López

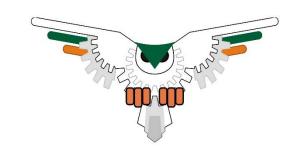
Calculadora en Android.

Elaborado por:

IS11110342

Cabello Zavala José

28/08/2015 Irapuato, Gto.



```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
   xmlns:tools="http://schemas.android.com/tools"
android:layout width="match parent"
   android:layout height="match parent"
android:paddingLeft="@dimen/activity horizontal margin"
   android:paddingRight="@dimen/activity_horizontal_margin"
   android:paddingTop="@dimen/activity vertical margin"
    android:paddingBottom="@dimen/activity vertical margin"
tools:context=".Cabello">
   <TextView
        android:layout width="wrap content"
        android:layout_height="wrap_content"
        android: textAppearance="?android:attr/textAppearanceLarge"
        android: text="@string/texto_Inicial"
        android:id="@+id/textView"
        android:layout centerHorizontal="true" />
    <TextView
        android:layout width="wrap content"
        android: layout_height="wrap_content"
        android: textAppearance="?android:attr/textAppearanceSmall"
        android: text="@string/Etiqueta1"
        android:id="@+id/textView2"
        android:layout below="@+id/textView"
        android:layout_alignParentLeft="true"
        android:layout alignParentStart="true"
        android:layout_marginTop="60dp" />
    <TextView
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:textAppearance="?android:attr/textAppearanceSmall"
        android:text="@string/Etiqueta2"
        android:id="@+id/textView3"
        android:layout_marginTop="52dp"
        android:layout_below="@+id/textView2"
        android:layout alignParentLeft="true"
        android:layout alignParentStart="true" />
    <EditText
        android:layout_width="wrap_content"
        android: layout height="wrap_content"
        android:id="@+id/txtA"
        android:layout toRightOf="@+id/textView2"
        android:layout alignBottom="@+id/textView2"
        android:layout alignRight="@+id/textView"
        android:layout alignEnd="@+id/textView" />
    <EditText
        android:layout width="wrap content"
        android: layout height="wrap_content"
        android:id="@+id/txtB"
        android:layout toRightOf="@+id/textView3"
        android:layout alignBottom="@+id/textView3"
        android:layout alignRight="@+id/txtA"
        android:layout alignEnd="@+id/txtA" />
    <Button
        style="?android:attr/buttonStyleSmall"
```

```
android:layout width="wrap content"
        android:layout height="wrap content"
        android: text="@string/btn agregar"
        android: id="@+id/BtnSumar"
        android:layout marginTop="50dp"
        android:layout alignLeft="@+id/textView"
        android:layout alignStart="@+id/textView"
       android:layout centerVertical="true" />
   <TextView
       android:layout width="wrap content"
        android: layout height="wrap content"
        android:text="New Text"
       android:id="@+id/txtResult"
        android:layout alignParentBottom="true"
       android:layout_toRightOf="@+id/BtnSumar"
        android:layout toEndOf="@+id/BtnSumar" />
   <Button
        style="?android:attr/buttonStyleSmall"
        android:layout width="wrap content"
        android: layout height="wrap content"
        android:text="@string/btn restar"
       android:id="@+id/btn_restar"
        android:layout alignTop="@+id/BtnSumar"
        android:layout centerHorizontal="true" />
   <Button
        style="?android:attr/buttonStyleSmall"
        android:layout width="wrap content"
        android: layout height="wrap content"
        android:text="@string/btn mult"
        android:id="@+id/btn mult"
        android:layout below="@+id/BtnSumar"
        android:layout alignLeft="@+id/BtnSumar"
        android:layout alignStart="@+id/BtnSumar"
        android:layout marginTop="43dp" />
   <Button
        style="?android:attr/buttonStyleSmall"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="@string/btn dividir"
        android:id="@+id/btn dividir"
        android:layout alignTop="@+id/btn mult"
        android: layout_toRightOf="@+id/txtResult"
       android:layout toEndOf="@+id/txtResult" />
</RelativeLayout>
```



Strings.XML

Main activity

```
package com.example.joshe.aplicacion1;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class Cabello extends AppCompatActivity {
    EditText etA;
```

```
EditText etB;
Button BtnSum;
Button BtnRest;
Button BtnMulti;
Button BtnDividir;
TextView TvResult;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity cabello);
    etA = (EditText) findViewById(R.id.txtA);
    etB=(EditText) findViewById(R.id.txtB);
   BtnSum=(Button) findViewById(R.id.BtnSumar);
   BtnRest=(Button) findViewById(R.id.btn restar);
   BtnMulti=(Button) findViewById(R.id.btn mult);
   BtnDividir=(Button) findViewById(R.id.btn dividir);
   TvResult=(TextView) findViewById(R.id.txtResult);
   BtnSum.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            float a= Float.parseFloat(etA.getText().toString());
            float b=Float.parseFloat(etB.getText().toString());
            float suma=a+b;
            TvResult.setText(String.valueOf(suma));
    });
   BtnRest.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            float a= Float.parseFloat(etA.getText().toString());
            float b=Float.parseFloat(etB.getText().toString());
            float rest=a-b;
            TvResult.setText(String.valueOf(rest));
        }
    });
    BtnMulti.setOnClickListener(new View.OnClickListener() {
        public void onClick(View v) {
            float a= Float.parseFloat(etA.getText().toString());
            float b=Float.parseFloat(etB.getText().toString());
            float mult=a*b;
            TvResult.setText(String.valueOf(mult));
        }
    });
   BtnDividir.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            float a= Float.parseFloat(etA.getText().toString());
            float b=Float.parseFloat(etB.getText().toString());
            float div=a/b;
```

```
TvResult.setText(String.valueOf(div));
           }
        });
   }
   @Override
   public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is present.
       getMenuInflater().inflate(R.menu.menu cabello, menu);
       return true;
   @Override
   public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();
        //noinspection SimplifiableIfStatement
       if (id == R.id.action_settings) {
            return true;
       return super.onOptionsItemSelected(item);
}
```

Aplicación

Sumar



restar



Multiplicar



División

