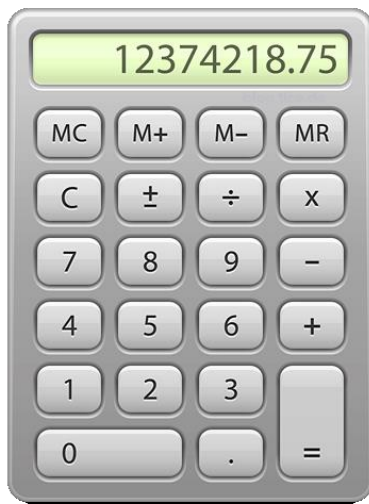


INSTITUTO
TECNOLOGICO
SUPERIOR DE
IRAPUATO



Dispositivos móviles



José Antonio López

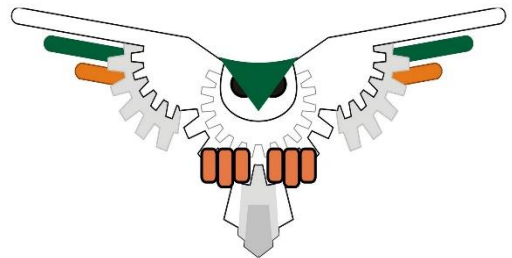
Calculadora en Android.

Elaborado por:

IS11110342

Cabello Zavala José

28/08/2015
Irapuato, Gto.



Xml

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    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

```
<resources>
    <string name="app_name">Aplicacion1</string>

    <string name="hello_world">Hello world!</string>
    <string name="action_settings">Settings</string>
    <string name="texto_Inicial">Operacion con dos numeros</string>
    <string name="btn_agregar">Sumar</string>

    <string name="Etiqueta1">Ingresa A</string>
    <string name="Etiqueta2">Ingresa B</string>
    <string name="btn_restar">Restar</string>
    <string name="btn_dividir">Dividir</string>
    <string name="btn_mult">Multiplicar</string>
</resources>
```

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() {
        @Override
        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();

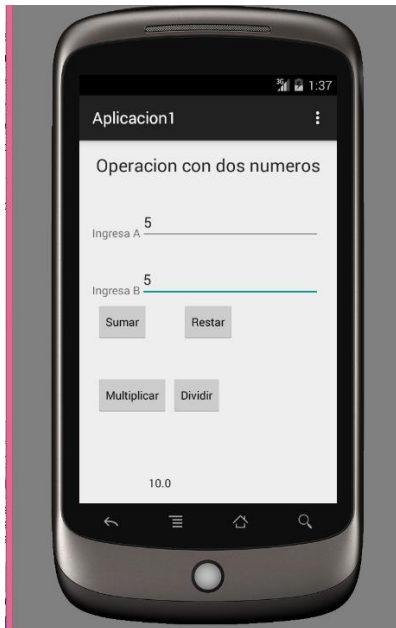
    //noinspection SimplifiableIfStatement
    if (id == R.id.action_settings) {
        return true;
    }

    return super.onOptionsItemSelected(item);
}
}

```

Aplicación

Sumar



restar



Multiplicar



División

