```java
package com.example.sampcalc;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.text.TextUtils;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity implements View.OnClickListener{

    EditText etNum1;
    EditText etNum2;

    Button btnAdd;
    Button btnSub;
    Button btnMult;
    Button btnDiv;

    TextView tvResult;

    String oper = "";

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        etNum1 = (EditText) findViewById(R.id.etNum1);
```

```java
etNum2 = (EditText) findViewById(R.id.etNum2);

btnAdd = (Button) findViewById(R.id.btnAdd);
btnSub = (Button) findViewById(R.id.btnSub);
btnMult = (Button) findViewById(R.id.btnMult);
btnDiv = (Button) findViewById(R.id.btnDiv);

tvResult = (TextView) findViewById(R.id.tvResult);
btnAdd.setOnClickListener(this);
btnSub.setOnClickListener(this);
btnMult.setOnClickListener(this);
btnDiv.setOnClickListener(this);

}

@Override
public void onClick(View v) {
    // TODO Auto-generated method stub
    float num1 = 0;
    float num2 = 0;
    float result = 0;
    if (TextUtils.isEmpty(etNum1.getText().toString())
            || TextUtils.isEmpty(etNum2.getText().toString())) {
        return;
    }

    num1 = Float.parseFloat(etNum1.getText().toString());
    num2 = Float.parseFloat(etNum2.getText().toString());

    switch (v.getId()) {
        case R.id.btnAdd:
```

```java
                    oper = "+";

                    result = num1 + num2;

                    break;

                case R.id.btnSub:

                    oper = "-";

                    result = num1 - num2;

                    break;

                case R.id.btnMult:

                    oper = "*";

                    result = num1 * num2;

                    break;

                case R.id.btnDiv:

                    oper = "/";

                    result = num1 / num2;

                    break;

                default:

                    break;

            }

            tvResult.setText(num1 + " " + oper + " " + num2 + " = " + result);

        }

}
```

```xml
<?xml version="1.0" encoding="utf-8"?>

<LinearLayout

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

    android:orientation="vertical"

    android:layout_width="fill_parent"

    android:layout_height="fill_parent"

    android:weightSum="1">

    <LinearLayout
```

```xml
        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:id="@+id/linearLayout1"

        android:layout_marginLeft="10pt"

        android:layout_marginRight="10pt"

        android:layout_marginTop="3pt">

        <EditText

            android:layout_weight="1"

            android:layout_height="wrap_content"

            android:layout_marginRight="5pt"

            android:id="@+id/etNum1"

            android:layout_width="match_parent"

            android:inputType="numberDecimal">

        </EditText>

        <EditText

            android:layout_height="wrap_content"

            android:layout_weight="1"

            android:layout_marginLeft="5pt"

            android:id="@+id/etNum2"

            android:layout_width="match_parent"

            android:inputType="numberDecimal">

        </EditText>

    </LinearLayout>

    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:id="@+id/linearLayout2"

        android:layout_marginTop="3pt"

        android:layout_marginLeft="5pt"

        android:layout_marginRight="5pt">

        <Button
```

```xml
    android:layout_height="wrap_content"

    android:layout_width="match_parent"

    android:layout_weight="1"

    android:text="+"

    android:textSize="8pt"

    android:id="@+id/btnAdd">

</Button>

<Button

    android:layout_height="wrap_content"

    android:layout_width="match_parent"

    android:layout_weight="1"

    android:text="-"

    android:textSize="8pt"

    android:id="@+id/btnSub">

</Button>

<Button

    android:layout_height="wrap_content"

    android:layout_width="match_parent"

    android:layout_weight="1"

    android:text="*"

    android:textSize="8pt"

    android:id="@+id/btnMult">

</Button>

<Button

    android:layout_height="wrap_content"

    android:layout_width="match_parent"

    android:layout_weight="1"

    android:text="/"

    android:textSize="8pt"

    android:id="@+id/btnDiv">

</Button>
```

```xml
    </LinearLayout>

    <TextView

        android:layout_height="wrap_content"

        android:layout_width="match_parent"

        android:layout_marginLeft="5pt"

        android:layout_marginRight="5pt"

        android:textSize="12pt"

        android:layout_marginTop="3pt"

        android:id="@+id/tvResult"

        android:gravity="center_horizontal"

        android:layout_weight="0.07">

    </TextView>

</LinearLayout>
```

11:37

SampCalc

12   120

| + | - | * | / |

12.0 / 120.0 = 0.1

Suggest contact names? Touch for info.

1	2	3	-
4	5	6	,
7	8	9	⌫
.	0	_	✓