Program 1. Create a Simple Calculator for demonstrating the basic arithmetic operations (+, -, *, /)

XML FILE

```
<LinearLayout
   <LinearLayout
        <EditText
        </EditText>
        <EditText
            android:inputType="numberDecimal">
        </EditText>
        </Button>
```

JAVA FILE

```
package com.example.newcalculator;
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 btnMult;
    Button btnDiv;
```

```
if (TextUtils.isEmpty(etNum1.getText().toString())
num1 = Float.parseFloat(etNum1.getText().toString());
num2 = Float.parseFloat(etNum2.getText().toString());
```

OUTPUT:

