PROGRAM 1

XML FILE

```
android:orientation="vertical"
<LinearLayout</pre>
    </EditText>
    </EditText>
<LinearLayout
    </Button>
```

JAVA FILE

```
package com.example.calculator;
//import android.support.v7.app.AppCompatActivity;
import android.s.ppcompat.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 btnAdd;
Button btnDiv;

TextView tvResult;

String oper = "";

/** Called when the activity is first created. */
@Override
public void onCreate(Bundle savedInstanceState) {
```

```
etNum1 = (EditText) findViewById(R.id.etNum1);
etNum2 = (EditText) findViewById(R.id.etNum2);
btnAdd = (Button) findViewById(R.id.btnAdd);
btnSub = (Button) findViewById(R.id.btnSub);
btnAdd.setOnClickListener(this);
if (TextUtils.isEmpty(etNum1.getText().toString())
num1 = Float.parseFloat(etNum1.getText().toString());
```

```
}

// form the output line
    tvResult.setText(num1 + " " + oper + " " + num2 + " = " + result);
}
```

<u>Output</u>

