

PROBLEM STATEMENT : Calculator with operations (+, -, *, /, %)

INPUT : Num 1, Num 2, Oper

OUTPUT : Number

Step 1 : Start

Step 2 : Declare Integer Num 1, Num 2, Oper

Step 3 : Declare String YesNo

Step 4 : Input Num 1, Num 2

Step 5 : While True

Step 5.1 : Output \rightarrow "1 - Add, 2 - Sub, 3 - Mult, 4 - Div,
5 - Mod"

Step 5.2 : Input Oper

Step 5.3 : If Oper \rightarrow 1

Step 5.3.1 : Output \rightarrow Num 1 + Num 2

Step 5.4 : If Oper \rightarrow 2

Step 5.4.1 : Output \rightarrow Num 1 - Num 2

Step 5.5 : If Oper \rightarrow 3

Step 5.5.1 : Output \rightarrow Num 1 * Num 2

Step 5.6 : If Oper \rightarrow 4

Step 5.6.1 : If Num 2 \rightarrow 0

Step 5.6.1.1 : Output \rightarrow "Oper cannot be done
Num 2 \neq 0"

Step 5.6.2 : If not Num 2 \rightarrow 0

Step 5.6.2.1 : Output \rightarrow Num 1 / Num 2

step 5.7: If oper \rightarrow 5

step 5.7.1: Output \rightarrow Num1 \div Num2

step 5.8: Output \rightarrow "Want to Continue?"

step 5.9: Input YesNo

step 5.10: If YesNo = "No"

step 5.10.1: Break

step 6: Stop