**START**

INPUT FIRST NUMBER

\*INPUT OPERATOR (+, -, \*, /)

INPUT SECOND NUMBER

IS THE OPERATOR “+”?

Sum = FirstNumber + SecondNumber

yes

no

**END**

**Output the result**

**Perform the calculation**

Product = FirstNumber \* Secondnumber

Quotient = FirstNumber \* Secondnumber

yes

no

**Invalid operator. Please enter +, -, \*, or /".**

IS THE OPERATOR “/”?

no

no

Difference = FirstNumber - SecondNumber

yes

yes

IS THE OPERATOR “\*”?

IS THE OPERATOR “-”?

Now, observe the previous flowchart in pseudocode

BEGIN

DISPLAY "Enter first number: "

INPUT FirstNumber

DISPLAY "Enter an operator (+, -, \*, /): "

INPUT operator

DISPLAY "Enter second number: "

INPUT SecondNumber

IF operator = "+" THEN

result ← FirstNumber + SecondNumber

DISPLAY "Result: ", result

ELSE IF operator = "-" THEN

result ← FirstNumber - SecondNumber

DISPLAY "Result: ", result

ELSE IF operator = "\*" THEN

result ← FirstNumber \* SecondNumber

DISPLAY "Result: ", result

ELSE IF operator = "/" THEN

ELSE

result ← FirstNumber / SecondNumber

DISPLAY "Result: ", result

ENDIF

IF operator ≠ "+" AND operator ≠ "-" AND operator ≠ "\*" AND operator ≠ "/"

THEN

DISPLAY "Error: Invalid operator. Please enter +, -, \*, or /."

ELSE

END