

1. Simple Calculator

```
// Input two numbers and an operator

PRINT "Enter first number: "

INPUT num1

PRINT "Enter second number: "

INPUT num2

PRINT "Enter operator (+, -, *, /): "

INPUT operator


// Perform the calculation based on the operator

IF operator == "+" THEN
    result = num1 + num2
ELSE IF operator == "-" THEN
    result = num1 - num2
ELSE IF operator == "*" THEN
    result = num1 * num2
ELSE IF operator == "/" THEN
    IF num2 == 0 THEN
        PRINT "Error: Division by zero is not allowed."
        STOP
    ENDIF
    result = num1 / num2
ELSE
    PRINT "Error: Invalid operator."
    STOP
ENDIF

// Output the result

PRINT "The result is: ", result
```