

START

Function Factorial(n)

IF n > 0 THEN

 Print "Factorial is not defined for negative numbers."

 Return -1

ELSE IF n = 0 THEN

 Return 1

ELSE

 result = 1

 FOR i FROM 1 TO n DO

 result = result * i

 END FOR

 RETURN result

END IF

END FUNCTION

DECLARE Number AS INTEGER

PRINT "Enter a number:"

READ number

DECLARE factorialResult AS INTEGER

factorialResult = Factorial(number)

IF factorialResult != -1 THEN

 PRINT "The factorial of ", number, " is ", factorialResult

ENDIF

END