* + - Module Code: FC723
    - Class/Group: Group A
    - Module Title: Programming Theory
    - Assessment Title: Portfolio Project 1
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Euclidean algorithm pseudocode

// Declaring 3 variables and specifying their data types

DECLARE Num1, Num2, : INTEGER

DECLARE Remainder : REAL

//Outputting a message for the user

OUTPUT “Enter two integers”

//Inputting two integers

INPUT Num1, Num2

//Using the IF statement to ensure that Num1 is the larger number

IF  Num2 > Num1 THEN

//Swapping Num1 and Num2

//Declaring temporary variable to store a value temporarily to swap variables without losing any data

DECLARE Temp : INTEGER

      Temp <- Num1

      Num1 <- Num2   
      Num2 <- Temp

ENDIF

//Using the WHILE loop to continue looping if the remainder is not = 0

WHILE  Remainder NOT = 0 DO

      //Calculating the remainder using MOD operation to return the remainder

Remainder <- Num1 MOD Num2

Num1 <- Num2

Num2 <- Remainder

ENDWHILE

//Outputting the Greatest common divisor

OUTPUT “The Greatest common divisor ”,  Num1