**//CODE BY Lucas Tsetskhladze (2s Compliment Binary Converter)**

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PROCEDURE Converting()

DECLARE number AS INTEGER

DECLARE listofnumber AS INTEGER

DECLARE binarystring AS STRING

number ← 0

Binarystring ← ““

WHILE number < -128 OR number => 127

OUTPUT(“Please put in a number between 128 and 127”)

Number ← INPUT

ENDWHILE

IF number < 0 THEN

listofnumber ← 64

number = 128 - ABS(number)

binarystring = binarystring + “1”

ELSE

listofnumber ← 128

ENDIF

WHILE listofnumber =! 1

IF number >= listofnumber

binarystring = binarystring + “1”

number = number - listofnumber

ELSE

binarystring = binarystring + “0”

ENDIF

listofnumber = listofnumber / 2

ENDWHILE

OUTPUT(“Your number is “&binarystring&” Hope you enjoy”)

ENDPROCEDURE