

;Convert the problem no 2 for 16-bit numbers.

.MODEL SMALL

.STACK 64

.CODE

MOV BX,0000H

MOV DI,300H

MOV [DI],9FFFH

MOV [DI+2],8EEEH

MOV DI,300H

MOV AX,[DI]

ADD DI,02H

ADD AX,[DI]

JNC TE

INC BX

TE: ADD DI,02H

MOV [DI],AX

ADD DI,02H

MOV [DI],BX

MOV AH,4CH

INT 21H

END