

;Convert the problem no 4 for the 16-bit numbers.

.MODEL SMALL

.STACK 64

.CODE

MOV DI,0200H

MOV [DI],9F9FH

MOV [DI+2],1111H

MOV [DI+4],8D8DH

MOV [DI+6],2626H

MOV AX,0000H

MOV CX,0004H

MOV DI,0200H

AGAIN: ADD AX,[DI]

JNC TE

INC BX

TE: INC DI

INC DI

DEC CX

JNZ AGAIN

MOV [DI],AX

MOV [DI+2],BX

MOV AH,4CH

INT 21H

END