

;Solve problem 5 for subtraction of 16-bit numbers.

.MODEL SMALL

.STACK 64

.CODE

MOV DI,0204H

MOV [DI],9FFFH

MOV [DI-2],1111H

MOV AX,0000H

MOV BX,0000H

MOV DI,0202H

MOV AX,[DI]

SUB AX,[DI+2]

JNC TE

INC BX

TE: MOV DI,0206H

MOV [DI],AX

MOV [DI+2],BX

MOV AH,4CH

INT 21H

END