

;Solve problem 5 for subtraction of 16-bit numbers

.MODEL SMALL

.DATA

.CODE

MOV DX,0000H

MOV BX,0202H

MOV CL,00H

MOV [BX],0A4H ;Put your 1st number LSB here

MOV [BX+01H],0FCH ;Put your 1st number MSB here

MOV [BX+02H],0B5H ;Put your 2nd number LSB here

MOV [BX+03H],0B7H ;Put your 2nd number MSB here

MOV AL,[BX]

MOV AH,[BX+01H]

MOV CL,[BX+02H]

MOV CH,[BX+03H]

SUB AL,CL

SBB AH,CH

MOV [BX+04H],AL

MOV [BX+05H],AH

MOV AH,4CH

INT 21H

END