**;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**