

;Write a program to add four 8-bit numbers stored in the memory location starting at 200 and store the result at the end of the table.

.MODEL SMALL

.DATA

.CODE

MOV DX,0000H

MOV BX,0200H

MOV CL,00H

MOV [BX],016H ;Put your 1st number here

MOV [BX+01H],1AH ;Put your 2nd number here

MOV [BX+02H],0C4H ;Put your 3rd number here

MOV [BX+03H],0BH ;Put your 4th number here

MOV AH,00H

MOV AL,[BX]

MOV CL,[BX+01H]

ADD AL,CL

MOV CL,[BX+02H]

ADD AL,CL

MOV CL,[BX+03H]

ADD AL,CL

MOV [BX+04H],AL

MOV AH,4CH

INT 21H

END