

;Write a program in DEBUG to add two 8-bit numbers stored in the memory location DS:300 and DS:302 and store the result at DS:304.

.MODEL SMALL

.DATA

.CODE

MOV DX,0000H

MOV BX,0300H

MOV CL,00H

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

MOV [BX+02H],3BH ;Put your 2nd number here

MOV AH,00H

MOV AL,[BX]

MOV CL,[BX+02H]

ADD AL,CL

MOV [BX+04H],AL

MOV AH,4CH

INT 21H

END