**;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**