**;Write an assembly language program to add ten 16-bit numbers stored in memory and store the result.**

**.MODEL SMALL**

**.STACK 64**

**.CODE**

**MOV BX,0000H**

**MOV AX,0000H**

**MOV CX,000AH**

**MOV DI,400H**

**AGAIN: ADD AX,[DI]**

**JNC NEXT**

**INC BX**

**NEXT: ADD DI,02H**

**LOOP AGAIN**

**MOV [DI],AX**

**MOV [DI+2],BX**

**MOV AH,4CH**

**INT 21H**

**END**