**;Convert the problem no 2 for 16-bit numbers.**

**.MODEL SMALL**

**.STACK 64**

**.CODE**

**MOV BX,0000H**

**MOV DI,300H**

**MOV [DI],9FFFH**

**MOV [DI+2],8EEEH**

**MOV DI,300H**

**MOV AX,[DI]**

**ADD DI,02H**

**ADD AX,[DI]**

**JNC TE**

**INC BX**

**TE: ADD DI,02H**

**MOV [DI],AX**

**ADD DI,02H**

**MOV [DI],BX**

**MOV AH,4CH**

**INT 21H**

**END**