.MODEL SMALL   
.DATA   
ARRAY DW 7777H, 0567H, 9999H, 0000H   
.CODE   
START: MOV AX,@DATA   
 MOV DS, AX   
 MOV DX, 0004H   
 L3: MOV CX, DX   
 LEA SI, ARRAY   
 L2: MOV AX, [SI]   
 INC SI   
 INC SI   
 CMP AX, [SI]   
 JC L1   
 XCHG AX, [SI]   
 MOV [SI-2], AX   
 L1: LOOP L2   
 DEC DX   
 JNZ L3   
 MOV AH, 04CH   
 INT 21H   
 END START