```asm
. MODEL SMALL
. DATA
N DB 5
A DB 05, 06, 07, 08, 09

. CODE
MOV AX, @DATA
MOV DS, AX
LEA SI, A
MOV CL, N
DEC CL
OUTLOOP: MOV CH, CL
MOV SI, 00H
INLOOP: MOV AL, A[SI]
INC SI
CMP AL, A[SI]
JC NOEXCHANGE
XCHG AL, A[SI]
MOV A[SI-1], AL
NOEXCHANGE: DEC CH
JNZ INLOOP
DEC CL
MOV AH, 4CH
INT 21H
END.
```