

.MODEL SMALL

.DATA

n db 5

a db 05,07,04,03,06

.CODE

MOV AX, @DATA

MOV DS, AX

lea si, a

mov cl, n

dec cl

out_loop: mov ch, cl

mov si, 00h

inloop: mov al, a[si]

inc si

cmp al, a[si]

~~if noexchange~~

xchg al, a[si]

mov a[si-1], al

~~noexchange~~: dec ch

jnz inloop

dec cl

jnz outloop

mov ah, 4ch

int 21h

end