

model small

data

7 db 6

5a db 05,07,04,03,06,02

code

mov ax,@data

mov ds,ax

lea si,a

mov cl,7

dec cl

outloop: mov ch,cl
 mov si,00h

in loop: mov al,[si]

inc si

cmp al,[si]

~~cmp al,[si]~~

~~inc si~~ jc noexchange

~~cmp~~

xchg al,[si]

~~je~~ mov [si-1],al

no exchange: dec ch

jnz inloop

dec cl

jnz outloop

mov ah,4ch

int 21h

end