

## Bubble Sort Program

• model small  
• data

n db 5

a db 05, 07, 04, 03, 06

• code

mov ax, @data

mov ds, ax

mov cl, n

dec cl

outloop: mov ch, ~~cl~~ cl

mov si, 00h

inloop: mov al, a[si]

inc si

cmp al, a[si]

jc noexchan

xchg al, a[si]

mov a[si-1], al

noexchan: dec ch

jnz inloop

dec cl

jnz outloop

mov ah, 4ch

int 21h

end