

## Sorting of Array

• model small

• data

n db 6

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

• 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]

je noexchange

xchg al, a[si]

mov a[si-1], al

noexchange: dec ch

jnz inloop

dec cl

ojnz outloop

mov ah, 4ch

int 21h

end