

## Sorting of Array

- model small

- data

n db 6

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

- code

mov ax, @data

mov ax, @ax

lea si, a

mov cx, n

dec cx

outloop: mov cx, cx

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 cx

Jnc inloop

dec cx

Jnz outloop

mov ah, 4ch

int 21h

end