.modal small

.stack 100h

.data

n db 02h,03h,08h,09h

count db 4

largest db ?

.code

begin: mov ax,@data

mov ds,ax

mov si,0

mov cx,count

mov bl,n[si]

dec cx

again: inc si

cmp bl,n[si]

jnc noswap

mov bl,n[si]

noswap: loop again

mov largest,bl

mov ah,4ch

int 21h

end begin