

```
.model small
.data
array dw 1520,25,-200,-1200
.code
mov ax,@data
mov ds,ax
mov dx,04
dec dx
outer:
    mov cx,dx
    mov SI,offset array
again:
    mov ax,[SI]
    cmp ax,[SI+2]
    JLE I1
    XCHG ax,[SI+2]
    XCHG ax,[SI]
I1:
    inc SI
    inc SI
    dec cx
    JNZ again
    dec dx
    JNZ outer
mov ah,4ch
int 21h
end
```