BUBBLE. ASM   SUSHANT

```
.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]
jc     no exchange
xchg   al, a [si]
mov    [si - 1], al
no exchange : dec  ch
jnz    inloop
dec    cl
jnz    outloop
mov    ah, 4ch
int    21h
end.
```