```asm
.MODEL SMALL

.STACK 100H

.DATA
a db 1,2,3,4,5

.CODE
MAIN PROC
    mov cx, 0
again:
    mov ah,1
    int 21h
    cmp al, 0Dh
    je store
    mov ah,0
    push ax
    inc cx
    jmp again

store:
    mov ah, 2
    mov dl, 0ah
    int 21h
    mov dl, 0dh
    int 21h

exit:
    pop bx
    cmp bx, 20h
    je skip
    cmp bx, 61h
    jl skip
    sub bx, 20h

skip:
    mov dx, bx
    mov ah, 2
    int 21h
    loop exit
```

```
;exit to DOS

MOV AX,4C00H
INT 21H

MAIN ENDP
    END MAIN
```