

## Decimal counter

· model small  
· code  
mov cl, 00

mov ah, 00h  
mov al, 03h  
int 10h

back: mov cl, 00h  
mov dh, 00h  
mov dl, 00h  
mov ah, 02h  
int 10h

mov al, cl  
add al, 00h  
aam  
add ax, 3030h  
mov ch, al  
mov dl, ah  
mov ah, 02h  
int 21h  
mov dl, ch  
mov ah, 02h  
int 21h  
call delay  
inc cl  
xor ax, ax  
cmp cl, 100d  
jne back

je last

delay proc near

push ax

push bx

push cx

mov cx, 0fffh

ag: mov bx, 0fffh

ag1: not

dec bx

jnz ag1

dec cx

jnz ag

hoh cx

hoh bx

hoh ax

ret

delay endh

last: mov ah, 4ch

int 21h

end