Decimal up-counter from 00 - 99

- MODEL SMALL
- CODE

```
    mov  CL, 00
    mov  AH, 00h
    Mov  AL, 03h
    int  10h

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

       mov  al, cl
       add  cf 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  cf cl, 100d
       jne  back
       je   last
```

```asm
delay   proc near
        push ax
        push bx
        push cx
        mov cx, 0ffh
ag:     mov bx, 0ffffh
ag1:    nop
        dec bx
        jnz ag1
        dec cx
        jnz ag
        pop cx
        pop bx
        pop ax
        ret
        delay endp
last:   mov ah, 4ch
        int 21h

end.
```