

To stimulate decimal-up counter to display 0-99.

- model small
- code

```
mov cl, 00H  
mov al, 00H  
mov ah, 03H
```

```

init
    int 10H
    mov al, cl
    add al, 00H
    aam
    add ax, 3030H
    mov ch, al
    mov dl, ah
    mov ah, 02H
    int 21H
    mov ah, 02H
    int 21H
    call delay
    inc cl
    mov ax, 00H
    cmp cl, 100d
    jne back
    je last

```

```

delay proc near
    push ax
    push bx
    push cx
    mov cx, 0FFH
    ag: mov bx, 0FFH
    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
```



Computer Avast Free mp COPYTHIS Main

DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip: 0, Program: DOSBOX

Drive C is mounted as local directory c:\

C:\>MASM>

Z:\>c:

C:\>cd masm

C:\>MASM>masm decupcount;;

Microsoft (R) Macro Assembler Version 5.00

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51720 + 464824 Bytes symbol space free

0 Warning Errors

0 Severe Errors

C:\>MASM>link decupcount;;

Microsoft (R) Overlay Linker Version 3.60

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LINK : warning L4021: no stack segment

C:\>MASM>decupcount