

```
.model small

.data

hex dw 0ACH
counter db 0

.code

mov ax,@data
mov ds,ax
mov ax,hex
mov bx,000AH

L:
inc counter
div bx
push dx
cmp ax,0
mov dx,00H
je exit
jmp L

exit:
    mov cl, counter
    mov ch,00H

LI:
    pop dx
    add dl,30H
    mov ah,02H
    int 21H

LOOP LI
    mov ah,4ch
    int 21h
    ret

ends

end
```