

Program to find ASCII equivalent

.model small

.data

msg1 db 0dh, 0adh, "Enter alphanumeric character \$"

res db 02 dup(0)

.code

mov ax, @data

mov ds, ax

lea dx, msg1

call disp

mov ah, 01h

int 21h

mov bl, al

mov cl, 4

shr al, cl

cmp al, 0ah

jc digit

Add al, 07h

digit: add al, 30h

mov esi, al

and bl, 0fh

cmp bl, 0ah

jc digit1

add bl, 07h

digit1: add bl, 30h

mov esi1, bl

mov ah, 02h

mov bh, 00h

mov dh, 0ch

mov dl, 28h

int 10h

mov esi2, '\$'

lea dx, res

call disp

mov ah, 4ch

int 21h

disb proc near

mov ah, 09h

int 21h

~~ret~~ ret

disb end p

end



C:\MP\_LAB\MASM>