

```
.model small
.data
MSG1 db 0dh, 0ah, "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 res,al
      and bl,0fh
      cmp bl,0ah
      jc digit1
      add bl,07h
digit1: add bl,30h
      mov res+1,bl

      mov ah,00h
      mov al,03h ; TEXT MODE
      int 10h
```



Search

10:11
03-12-2020

```
    cmp bl,0ah
    jc digit1
    add bl,07h
digit1: add bl,30h
        mov res+1,bl

    mov ah,00h
    mov al,03h    ; TEXT MODE
    int 10h

    mov ah,02h    ; SET THE CURSOR POS
    mov bh,00h    ; PAGE NUMBER
    mov dh,0ch    ; ROW (00 IS TOP
    mov dl,28h    ; COLUMN VAL
    int 10h

    mov res+2,'$'
    lea dx,res
    call disp
    mov ah,4ch
    int 21h

disp proc near
mov ah,09h
int 21h
ret
disp endp
end
```



Search

10:11
03-12-2020

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 esi, 1, bl

mov ah, 02h

mov bh, 00h

mov dh, 0ch

mov dl, 28h

int 10h

mov esi, 2, '\$'

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>