ASCII value

```
.model small
.data

msg1 db odh, oah "Enter the alpha-numer
        number"

res db 02 darp(0)

.code

mov     cx, @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, oah
jc      digit
Add     AL, 07H

digit1 :  add bl, 30H
          mov res+1, bl
          mov ah, 00H
          mov al, 03H  ; text mode
          int 10H
```
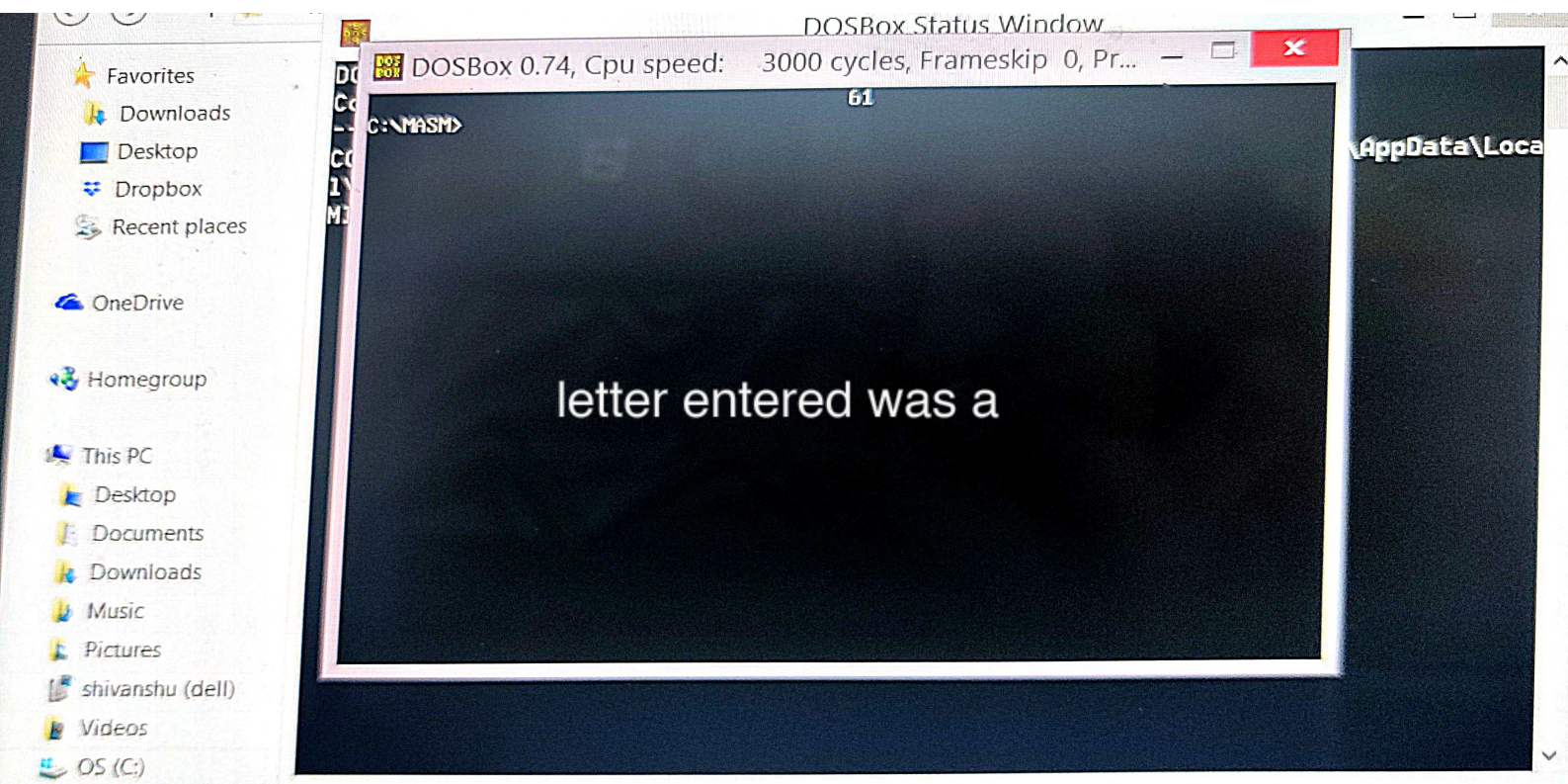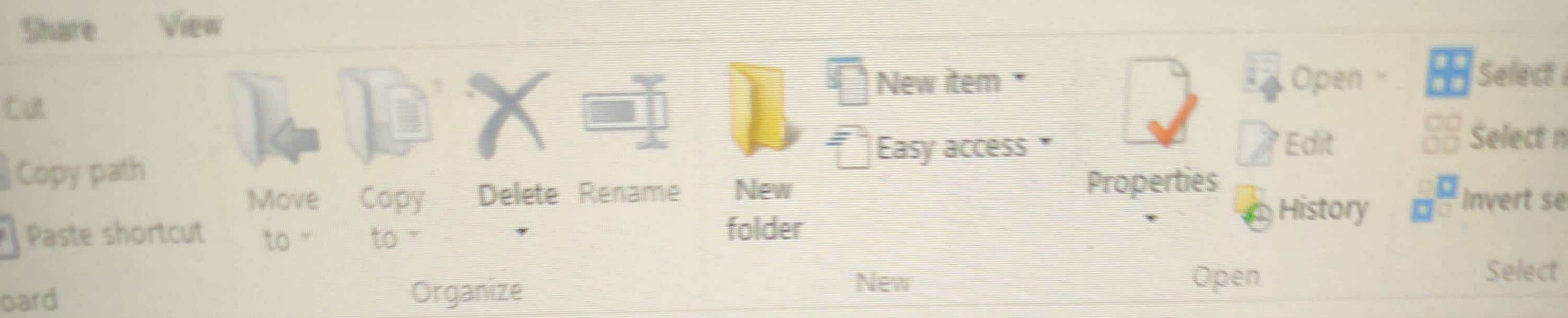
```
mov    ah, 02h  ; set cursor pos
mov    bh, 00 h
mov    dh, 0 ch
mov    dl, 28 h
int    10h

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
```

DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Pr...

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C:\MASM>

letter entered was a

↑   This PC   OS (C:)   masm

DOSBox Status Window

DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Pr...   —   ☐   ✕

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C:\MASM>_

entered no was 1

MULTIWO.ASM	05-10-2020 10:38	ASM File	1 KB
MASM.EXE	15-09-2020 18:43	Application	101 KB
LINK.EXE	15-09-2020 18:43	Application	64 KB
HELLO.OBJ	15-09-2020 18:43	OBJ File	1 KB
HELLO.EXE	15-09-2020 18:43	Application	1 KB
HELLO.ASM	15-09-2020 18:43	ASM File	1 KB
FILECREA.OBJ	22-11-2020 09:01	OBJ File	1 KB
FILECREA.EXE	22-11-2020 09:01	Application	1 KB
FILECREA.ASM	22-11-2020 09:01	ASM File	2 KB
EXE2BIN.EXE		Application	2 KB