```asm
.model small
.data
msg db .0dh, 0ah, "Enter Alphanumerik
                    character: $ "
res db  02h dup(0)


.code
mov ar, @data
mov ds, ar

lea dr, msg1
call disp

mov  ah, 01h   ; reading character
int  21h            from keyboard.

mov  bl, al   ; oa is the input will be
mov  cl, 4      storedalways in al & bl
shr  al, cl     ; 00h
cmp  al, 0ah
JC   digit    ; al < 0ah carry is generat
add  bl, 07H  ; so now  only add 30h
                 ↳ bl = 0a + 07

digit1:
add  bl, 30h    ; Bl = 0a + 07 + 30
mov  res+1, bl      0a + 37 = 41h

mov  ah, 00h    ; clean the screen
mov  al, 03h
int  10h
```

```asm
mov ah, 02h     ; set the cursor position
mov bh, 00h
mov dh, 0ch     ; row number
mov dl, 28h     ; column number.

mov res+2, '$' . ; $ here indicates end
                      of the result string.
lea dx, res

call disp       ; res value will be printed
                    on the screen
mov ah, 4ch
int 21h

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

end
```