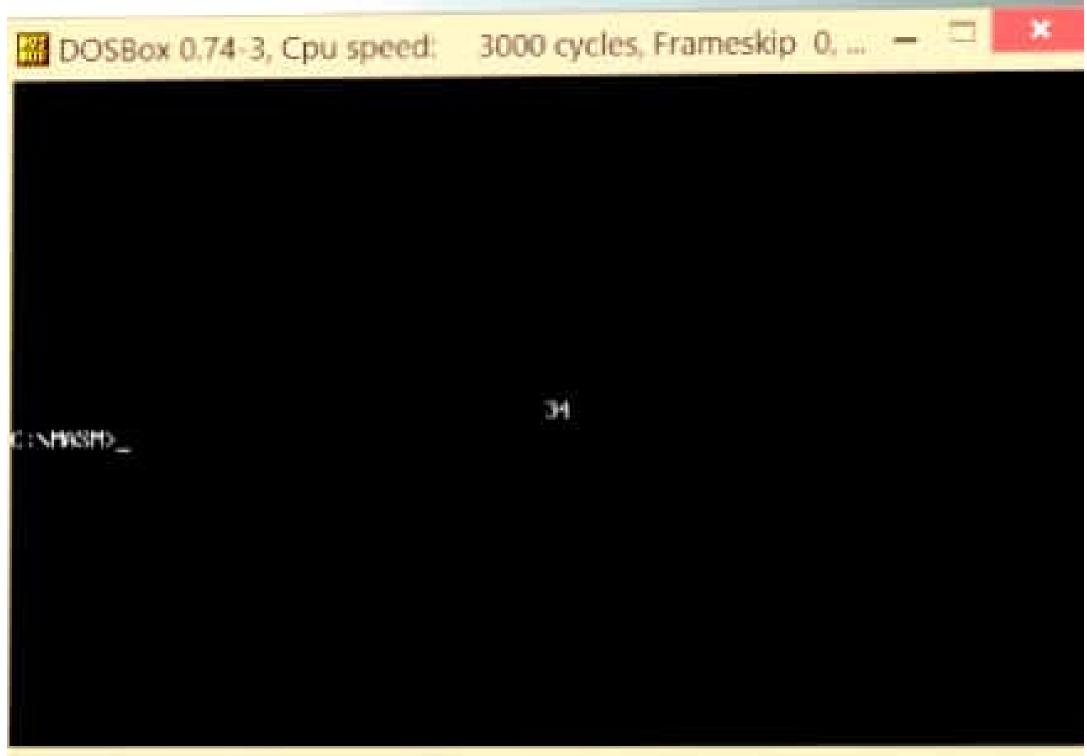
Peogean to find ASCII equivalent. ASCII. ASM · data enter alphanumeric character \$" meg I db Odh, Oah, " ses db 02 dup (0) · Wde mor ax, a dala only place mean mor ds, ax dia dx, meg! call disp takes imput from the keyboard. nov ah, Olh mt 21h mor bl, al nor el, 4 > count She al, cl > before shift: AL = 34, After shift = 03 comp al, Oal 10 y al> 9 or < 9. l'Add al, 07h digit : add al, 30h mor ees, al and bl, ofh cmp bl, Dah ladd blooth TEXT MODE and ah, OOh digit 1: add bl, 30h
movelet 1, bl
mov ah, 02h Internations mor al, 03h to display int 10 h strung set curior position bh, 00h mor Page Mo. dh, Och Rowval 00 'Istop) mor dl, 28h couln's value mor 10 h int

les+ 2, '\$' mor dea dx, res call disp mor ali, Ach int 21h dip peoc near mor ah, 09h int 21h.
eet disp end p



```
PAL. ASM
necking if a string is a palindrome or not.
. model small
display macro me g
      lea dx, msg
      mor ah, ogh
        unt 21h
 endon
 · data
           Odh, Dah, "Enter Steing: 4"
Odh, Oah, "Reverse steing: $"
 migi
 msg2
                         "Input stung is palindome - $"
 mag 3
                         "Input string is not a palindromes"
  msg4
 String db 80h Dup (?)
 Rsteing db 80h Dup (?)
  .code
  Start: nov ax, adata
        mor de, ax
        display negling from keyboard character by character.
         mor SI, offset string
          xor d, d
          Mor ah, Olh
 Again
          int alh odh
```

je next mor [SI], Al unc SI jung again mor [SI], Byle ptr '\$' , Steing imput dec SI mor chick ; Reverse the string and store in Rstring mor chil mor di, offset retring Back: mor al, [s2] mor [DI], al SI dec uic pl dec ch Back juz [DI], Byte pt '\$' von Display msg2 Desplay Rstring SI, offset slung mor 02, Offset Rstring more Al, [SI] NOV Al, [DI] cup fail 1 ne

success FINAL: END

```
C:\MMSMDpal

Enter string: mal

Reverse string: lam

Input string is not a palindrome.

C:\MMSMDpal

Enter string: madams

Reverse string: madams

Input string is a palindrome.

C:\MMSMDP
```