```
check whether the string is paleindrome or hot.
. model small
display macro msg
 leadx, msg
 movah, ogh
  int 21h
  endm
 · data
 msg1 db odh 1 oah, " euter a String : - 5"
 Msg2 db odh, ooh, " entered strings palindrome ?
 msg 3 db odh, ogh, " Enterted string is not palidrome &"
 Sto db 10n dup(0)
                                  elisted install
  revster db 10h 6 dup(0)
                                      IMP WAT
  Ien dw D
                                     metricis display insg 3
· code
 mor an, Odata
                                     dill (do wing ! till
 mov dg, ax
                                                  des tai
 display smsg1
 mov si, ooh
 back 1: movah, O1h
  1n21h
 emp al, odh
  de next
  mov sto [si], al
   inc si
   inc leu
   Jmp back 1
   next: mov Si, ooh
   mov di, ooh
                    , di=00+09=9
   add di, leu
                     ; di=8 ( string Fleugh & means index from 0 to 8)
    decdi
    mov cx, len; cx=9
```

```
back 2: mor al, str [si]; al <- - Str [oo] = value in
       mov rever tdil, al; revertel = value 'm'
        inc si
        dec di
 100p back 2
 mov cx, len ; ex=9
  mov si, oon
  mov di, ooh
 back 8: mov bl, Str [si]
  cld
          cmp bl, reustr [di]
        ine notpali a barrows december of
           100P back 3
                                 The dead deple)
            display msg 2
                            section do son ( duplo)
            imp last
  notpali : display msg 3
                                      of shell xo vor
   last: movah, 4ch
                                        ) 6 . St . A.
   int 21h
                                      202 NE SEC.
   end
                                        dos ( = x
                                   uto up and tran
                                       abj to all
```