```
CAB-4 - therting of Palindrome
model small
 display mairo mig
 ka dx, msg
 mov ah, ogh
  int alb
 endm
.data
msq! db "odh, Oah, "enter a string: - $"
msg2 db Odn, bah, "Entered string is palindrome $"
msg3 db Odn, Dah, "entered string is not a palindrome 4"
st db 10h dup (0)
sivity dp 10h dup (0)
len dw 0
.wde
mov ax, @data
mov ds, az
display mig 1
mov si,00h
baul: mov ah, osh.
juf sip
cmp bil, odh
jz neat
mov str[si],al
 inc si
 inc kn
jmp backs
next: mov si,000
     mov di,ooh
     add di, len
    mou ex, len
```

Scanned with CamScanner

backa: mov al, str[si]

mov revstr(di],al

inc si

dec di

loop back a

mov cx, len ;

mov si,oob

mov di,oob

cld

back 3: nov bl,sh(si)

cmp bl,revsh(di)

jnz notpali

loop back 3

dirplay mig 2

jmp last

notpali : display mig3
last : mov ab, 4th
int 21h
end