.model small

.data

msg1 db 0dh,0ah,"msg is palindrome $"

msg2 db 0dh,0ah,"msg is not palindrome $"

msg db ?

.code

palindrom proc

mov ax, @data

mov ds, ax

l1:

mov ah, 01h

int 21h

cmp al, 0dh

je ch\_Palindrome

mov [msg + bx], al

inc bx

jmp l1

ch\_Palindrome:

mov di, 0

dec bx

l2:

jz l3

mov al, [msg + di]

cmp al, [msg + bx]

jne l4

inc di

dec bx

jmp l2

l3:

lea dx, msg1

jmp l5

l4:

lea dx, msg2

l5:

mov ah, 09h

int 21h

end palindrom



