## Lab 4 - Palindrome

· model small
display macro msg
leadr, msg
mov ah, 09h
int 21h
endm

msg1 db ODH, OAH, "Inter String: 5"
msg2 db odh, oah, "Reverse String: 5"
msg3 db odh, Oah, "Input String is Palindrome 5"
msg4 db odh, Oah, "Input String is not Palindrome 5"

Orstring db 80h dup (?)

· code start: mov ax, @data mov ds, ax display msg1

mor si, Offret string
2004 cl, cl

again: mor ah, 01h

int 21h

-orp Al-al

comp ol, 00h

je neut Umov [si], al inc si ine cl jmp again neset: mor[SI], byte ptr (3)
dec si mor ch, cl mor di, offret o'Triting mor al, [si) mon [di], al deach Ing bock mor [di], byte ptr display msg2 display ostring mor si, offet & string mor di, Offret vertring mov al, [si] inc si

