MP-MC LAB (Prog 5) Name-Velika Palmia; USN-1BM19CS181 WAP to whether a string in Palindrome Ind model small

display macro mig

lea dr, mig

mov nh, 09H

vint 21H

endm ·data mag 1 Ab Odh, Oah, "entered string is palindromes" mag 2 db Odh, Oah, "entered string is palindromes" meg 3 db Odh, Oah, "entered string not palindromes" ctr Ab Ioh dup(0) ctr db 10h dup(0) len dw 0 FIRST EN LOVE & SHITE · code The I do not be for a fire mov ax, @data mor ds, ax elect backs es display mig1 12 wie ship mov si, ooh back 1: mov ah, oth; input string int21H cmp al, odh jz nent nnov sty[si], al ; (entered character moved into inc si str[00] position)

inc si ; initially len = 0 jmp bouk 1.

11 +6 neut i mov si, ook mov di, OOH add di, len; di = 00+09=9

dec di; di=8 (string of length, 9 has index 0 to 8) mor ca, len : ex = a. APU MANO back 2: mor al, str[si], a = str[00] = value m mov revstr [di] al ; revstr [8] e-alie in inc si dec di mov cx, len ; cx = 9 mov si, ooh

mov di, ooh

cld

auk 3: mov hi the FriT back3: mov bl, strEsi7 cmp bl, revstr[di] jnz notpali loop backs TOWN HO display mag 2

jmp last with the voice of the notpali: display msg3

Last: mov any 4ch rint 21h or be an evendor with simple but field by to Markel lawred Les planting all book 1 ...