, model small comparing two strings program. display macro mig Lea dx, mos mor ah, ogh int 21h enden : \$ " . data mig I db odh, oah," enter first string : \$" rung 2 db odh, oah, "enter record string mig3 db odh, Oah, "length of first string: \$" rung 4 dt Odh, Oah, "length of second string: \$" rung 5 alb Oath, Oath, " --- strings are equal --- 4" rung6 db odh, Oah, " - -- istrings are not equal --- \$" staing (db 20h dup (?) string 2 db soh dup (?) start: mor as, @ data more des, ax display rung! salt readite mor & si, offset strugt ; store the length of the first call readstr mor bl, cl display my mor si, offset string 2
call readstr

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push bx push cx display misg 3 more At al, bl call len-dis display rusg4 mor al, cl call lew dis pop CX Joh PX compare the lengths cup cl, bl if lengths are equal, process jue fail mest statement mov si, offset strug! mor di, offset string 2 cld compare both the string Ohk: more al, [si] cump al, [di] jne fail ine di de cl guz che Stephen How display rung 5 just final

lon-dis proc meas xor ah, ah add al, ook add ax, 3030h mor bh, al mor dl, ah mor ah, ozh int 21h more all, bh anor ah, ozh 47 = 2 7 int 21 h ten-dis endf readite broc near XOR cl, cl back: mer ah, och int 21h emp ol, odh je finish more [si], al in sue inc cl jup back finish: more [ssi], byte ptr's headster endt fail: alephay mig 6

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final: mor ah, 4th

iit 21h

end stort