	BONA ROOFA Page No.
modelsmall	dio, db vo.
-data	is the you
msal db b odh pah "	Enter alphanumeric character \$
Tes do 62 duplos	
· Code	Villiand Sam
mov an, adata	Les son vec
mov de an	on the Men
lea da mosal	die da voca
lea da, msgl call disp mov ah, oth	et is thi
nov ah, oih	
int 21h	7 000 0010 001
mov bl, al.	den in vain
mov cl, 4	dis in
mov al, cl	-1 (-1
cmp. al, bah	al con and
jc' dig; t	
add al 07H	
doit add al 30h	
mov res, al	
and bl, ofh.	
cmp bl, Oah	
jc digi f 1 add bl, 07 h	
add bl, 07 h	•
digitliadd bl, 30h	
mov res+1, bl	
mov ah ooh	
mby al, 03 h	
înt 20 h	
	
mov ab, 02 b	
men ph ooh	

mov dh.och int 10b mov res +2, 1/ lea dn, res call disp mov ab, 4ch int 21 b. بهجر d'isp proc near movah, 09 h int 21h. disp endp.

display mairo msq LEA DX, MSG 1 db Odh, Oah, "Enter String: \$" mige db Odh, Oah, " Reserve string: 4" msg 3 db · 0 db, Oah, Input string is polindrome. I de Odh, Oah, "Input string is not appliendrome string. \$ string db 80 h dup[?)
Restring db 80 h dup[?) start: movan, odata.
mov ds, an Hisplay msg! take the string from key board character by character MOV SI, DEFSET STRING ABAIN: MON ah DI H. emp DL, odh mon [si], Al jmp again NEXT: mov [si] BYTEPTR'\$' string input oper : Reverse the string and store in Estring MOV DI, OFBET RSTRING Back: mor al, [55] mar [DE], A? Dec sr

inc D1 Da ch JNF BACK mov (DD; byte ptr 1 Display msg 2.
Display Retning
mov st, biliset stillnig mov Di, DIFSET STRING. comp AL, [S] INE FACL JNC SE INC DI JZ SUCCESS Imp AG FAIL: Display MSG 9 JMP FINAL SUCCESS: DISPLAY MSG3 FINA : mov ah, ach