ASCI. ASM
LABG! Convert an charecter to assell code
1 Lastral 20 149 110
model small 1944 Due
· data
msgldb Odh, Oah, "enter alphanumeric
character \$"
res db 02 dup(0)
· Code 1229911 9142
mov ax, adata es since es es you
mov ds, ax 180, 181, 9110
Lea dx, msq1364001106
Call disp
mov ah, other vora same
int 21h 1210 TOLE
mov bl,al
mov a, 4 . 19610 and
shr al, a
cmpal, Oah
je digit
ADD AL, OTH
digit: add al 30h
digit: add al, 30h mov res, al
and bl, ofh
emp bl, oah
ic digit1
je digit1 add bl, 07h
digit1: add bl, 30h
mov res+1, bl
mov ah, ooh
mov al, O3h; Text made
mov al, O3h; Text made int 10h
A Company of the Comp

LATE of conceptual given spirit	
mov ah, ozh ; set the cursor por	
mov bh, Ooh ; page number	
mov dh, och ; Row (OO is Top	
mov de, 28h per, cobumnique	
int 10h period sol	
THE WAY VOTA	
mov rest +2, \$ 110 +m	
Lea dy, res Mbas	
call disp	
mov ab, 4CH HTAQ	
into 21h (18" THAD, NEO 110 192M	
1 1 - paid 2 mover 1 HAO, HOO dh ipica	
Inchildisproproct near 3,490 dh Eber	
1. Suro co mov ah, oghras mas db 118 2091	
int 21h gua 1102 do parate	
rect) qui sios dh paidte 250	
disp endp	
end	
strain XA vom tusta	
X A 20 Voor	
Lipzad pinlasia	
Display by Sping character by Character	
- 100 HZ 1/0/12 HOW	
XOR: CE, CE ASSESSED	
and da woin a graph	
HIGH HAT	
1000, 30 9000	(4)
TA PROBLEM	
7030 011	
30 301	

LAB:4) Check wheather given String is
Palindsom or Not:
The state of the s
· Mode Small
Display macro msg
Lea dx, msq
mov AH, O9H
int 21H 2 CL test vom
End M. End M.
Total III
· DATA
MSGI db ODH, OAH, "Enter String: \$"
msg2 db ODH, OAN, "Reverse String: "\$"
msg3 db ODH, OAH, "IP String is Palindrom. \$" msgy db ODH, OAH, " Not Palindrome. \$"
ms gy db ODH, OAH, " Not Palindrome. \$"
String db 80H Dup (?)
String db 80H Dup (?) Rokstring db 80H Dup (?)
april as a second
· Code
Start: MOV AX, @ Data
mov DS, AX
Display msg1
; Take String character by Character
Mov SI, Off set String
XOR CI,CL
Again: MOV Ah, Olh
IM SIH
cmp AL, ODH
JE next
MOV [S], AL
inc osi
inc cl
Imp Again
1
The second secon

next: MOV[SI], Byte ptr '\$'
; String Input Over
DEC SI
mov ch, cl
; Reverse the String and Store in
Rshing
mov DI, offset Rshing
Back: MOV AL, [SI]
MOV [DI], AL
DEC SI
INC DI
DEC CH
JNZ, Back
MOV [DI], Byte Ptr'\$' Display Msg2
Display MSg 2
Duplay Kstong
Display Rstring Mov SI, Offset String Mov DI, offset Rstring
MOV DJ, OFT STATE
AG: MOV AL, [SI]
CMP AL, [D]
JNE FAIL
INC SI
INC DI
DEC CX
JZ SUCCEIS
JMP AG
71.401.0
FAIL: DISPLAY MSG4
JMP FINAL
Displant MCQ3
Success: Display MS93
Final: MOV AH, 4CH
INT 21H
END