S.R. POOJA	35
IBM19CS135	
NIODEL COLOLI	
· MODEL SMALL	
MSGI DB ODH, OAH	
RES DB 02 DUPLO)	
Nes UB 02 VO(se)	TE PTR
- CODE	5031
ATAD ON VAM	TRUC
Mov Ds, Ax	FPS ET STRING
LEA DX, MSG1	PERET PRIPAR
CAU DISP	(32)
MOV AH, OIH	(IC) L
ENT 21H	FAIL
MOV BL, AL	78
mov ce, 4	70
SHR M, CL	NO.
CMP AL DAH	Success
30 DIGIT	124
ADD AL, OTH	DISPERTY MECH
DIGIT: ADD AY 30H	IMP FINAL
MOV RES, AL	SPLAY MS43
AND BL, OPH	DY HA VO.
CMP BL, OPH	HJG TV
JC DIGITI	
ADD BL, OTH	
DIGITI: ADD BL, 30H	
MOV AH, OUH	
MON AL, 03H	
BNT IOH	
MOVAH 02H	
MOV BH, 00H	57 30 4
MOV DH, DEH	
MOV DL, 28H	
INT WH	

The same of the sa	S. R. P00 JA
	1BML9CS135
	MOV RES +2
	LEA DX, RES
	CAU DISP
	MON AH, yor
	INT 21H
	DISP PROC NEAR
	MOV AH, 09H
	INT 21H
	RET
	DISP ENDP
	END

```
C:\MASM\ASCI.ASM
_model small
.data
msg1 db Odh,Oah , "Enter the Alphanumeric Character $ "
res db 02 dup(0)
.code
mo∨ ax,@data
mov ds,ax
lea dx, msg1
call disp
mov ah,01h
int 21h
mov bl,al
mov cl,4
shr al,cl
cmp al,0ah
jc digit
add al,07h
digit:
        add al,30h
        mov res, al
        and bl,Ofh
F1=Heln
```

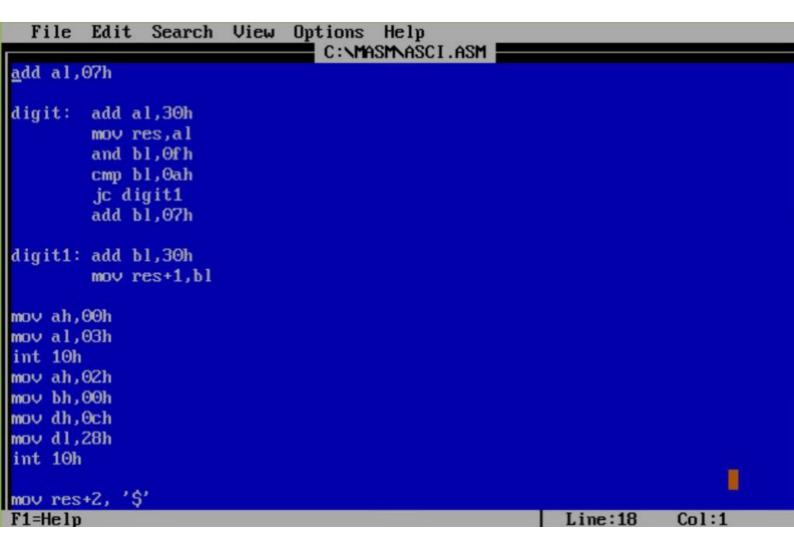
Options Help

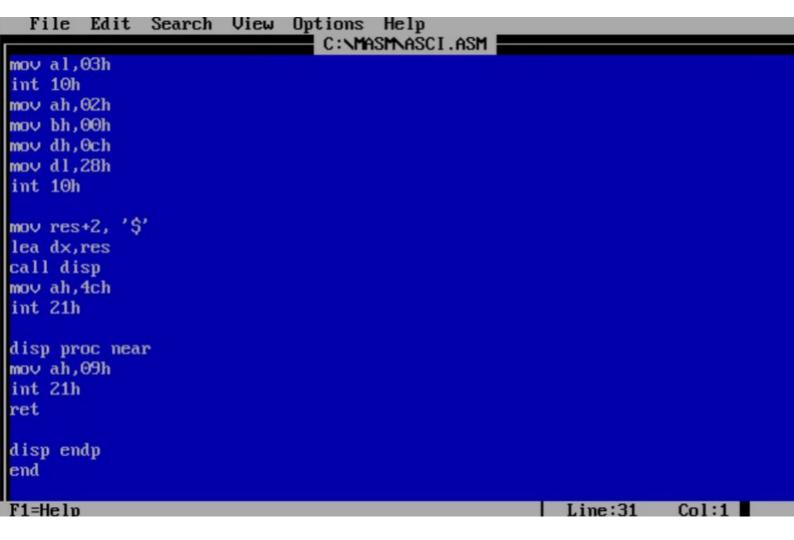
File

Edit

Search

View





```
C:\MASM>MASM ASCI ;;
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51708 + 464836 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM>LINK ASCI ;;
Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

LINK : warning L4021: no stack segment

C:\MASM>ASCI
Enter the Alphanumeric Character
```

C:\MASM>EDIT ASCI.ASM