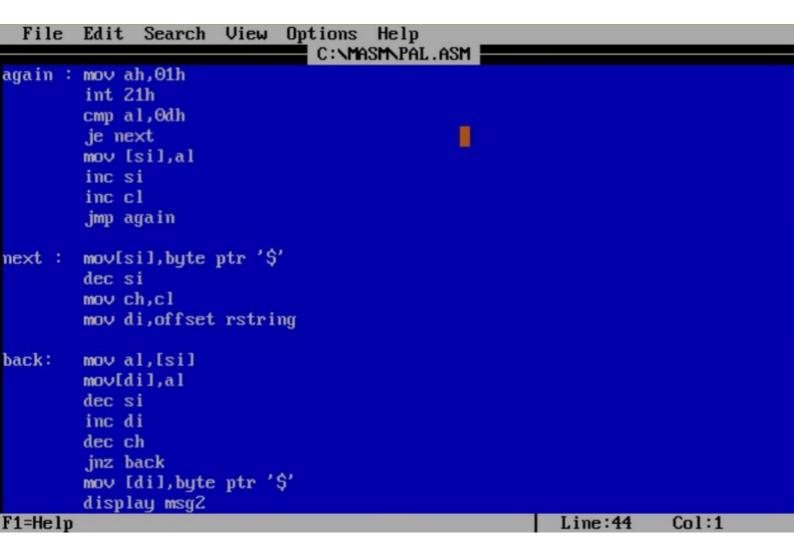
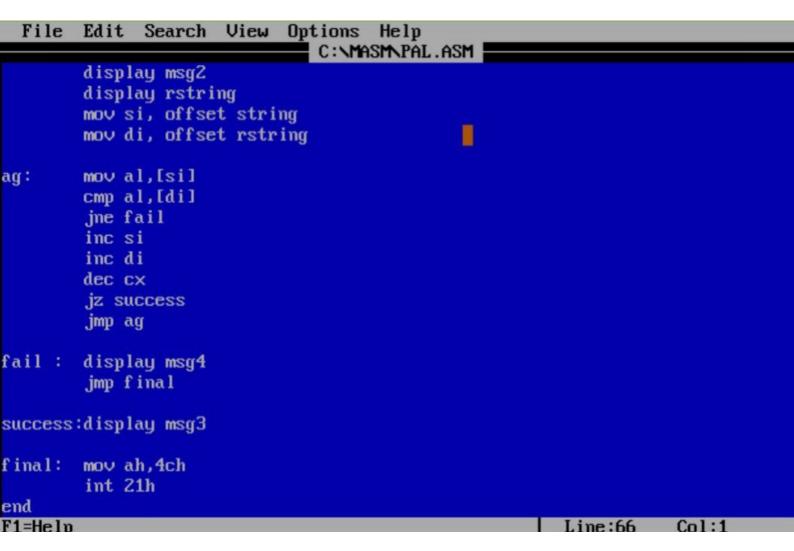
	S. R. PODJA	
	18M19C935	185
	Pounds	ione.
	- MODEL SMALL	18
	Display MACRO MSa	BL, CH
	LEA DX, MSa	AGRINI .
	MOV AH, 094	AH, YCH
	INT 21H	AX, ODAR
	ENDM	×4.20
	· DATA	72W TR
	MSGI DB ODH, DAH	CH, NUMBER -1
	MSG2 DB ODH, OAH	1.02M
	MSG3 DB ODH, DAH	MSG2 11
	MSQ4 DB ODH, OAH	MSA3
	STRING DB SON DUP	PURY MISCH
	RSTRING DB SON DUP	HIG H
	9	111
	· CODE	L, 30H
	START: MON AX, @DATA	H10 7H
	MOU DS, AX	7570 224
	DISPLAY MSGI	H 82H
	MON SI OFFSET	STRING TS102290
	bor a, a	AC, 03M
	AGAIN: MOV AH, OJH	FINAK
Anna la	INT 21H	y MSGS
	CMP M, ODH	Penne
	JE NEXT	(1+52.J)A
	MOV (SE), AL	JA (IZ)
	ENC SI	: Tric CL
	INC CL	22.
	JMP AGAIN	128A9W
	NEXT : MOV (SE) , BYTE	PTR 18 DWG:
	DEC SE	NP BLCH
	MOV CH, CL	JC AGAMI
	MOV DE, OFFSET	RSTRING VOM
100	BACK! MOV AY (SE)	HE 709
	MOV (DI), AL	START

1	S.R. POOTA	
A September	1BM19CS135	
		11784
	DEC SI	1
	INC DI	
	DEC CH	HAON
	INZ BACK	(01900)
	MON COPD, BYTE PTR	
	DISPLAY MSU2	
	DISPLAY RSTRING	ATH
	MOU SI, OFFSET STRING	
	MOU DE, OFFSET RSTRING	
	AG! MOV AL, [SE]	
	CMP AL, (DE)	
	JIVE FAIL	
	Inc St	
	ENC DE	
	DEC CX	
	JZ SUCCESS	
	JMP A4	
	FAIL ! DOD DISPLAY MSGLY	
	JMP FINAL	30H
	Success! DISPLAY MS43	JA, Z
	FINAL: MOV AH, YCH	OFH
	INT 214	HAO.
	END	17.
		P 6

```
File
        Edit
              Search
                      View Options Help
                               C:\MASM\PAL.ASM
.model small
display macro msg
        lea dx, msg
        mov ah,09h
        int 21h
endm
.data
msg1 db Odh,Oah, "Enter the String: $"
msg2 db Odh,Oah, "Reverse String: $"
msg3 db Odh,Oah, "Input String is a Palindrom. $"
                 "Input String is not a Palindrome. $"
msg4 db Odh,Oah,
string db 80h dup(?)
rstring db 80h dup(?)
.code
start:
        mov ax,@data
        mov ds,ax
        display msg1
        mov si, offset string
        xor cl.cl
```





```
C:\MASM>LINK PAL ;;

Microsoft (R) Overlay Linker Version 3.60

Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

LINK : warning L4021: no stack segment

C:\MASM>PAL

Enter the String: MADAM

Reverse String: MADAM

Input String is a Palindrom.

C:\MASM>PAL

Enter the String: BMSCE

Reverse String: ECSMB

Input String is not a Palindrome.

C:\MASM>_
```

0 Warning Errors 0 Severe Errors