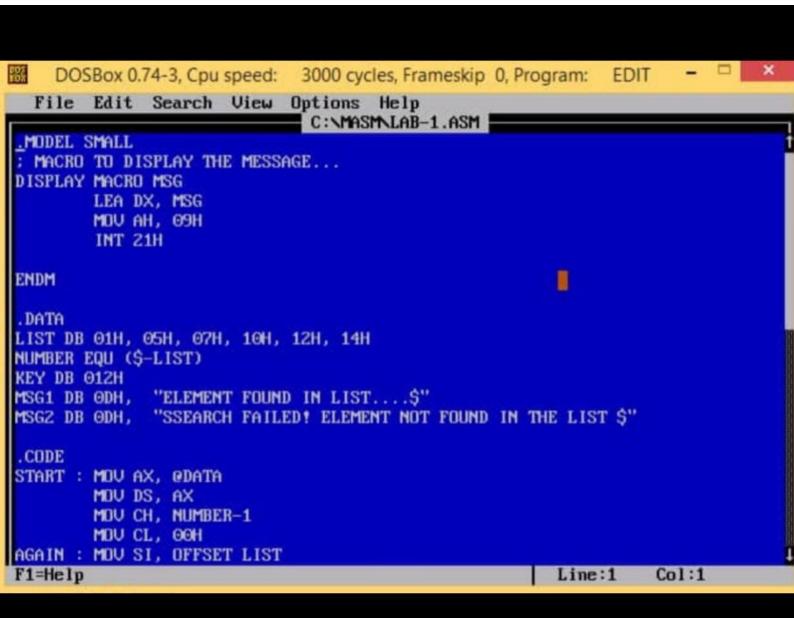
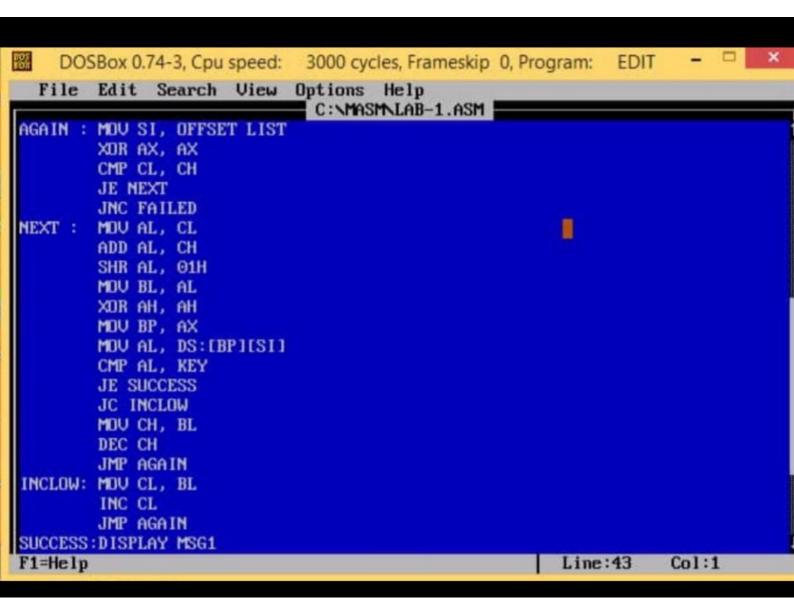
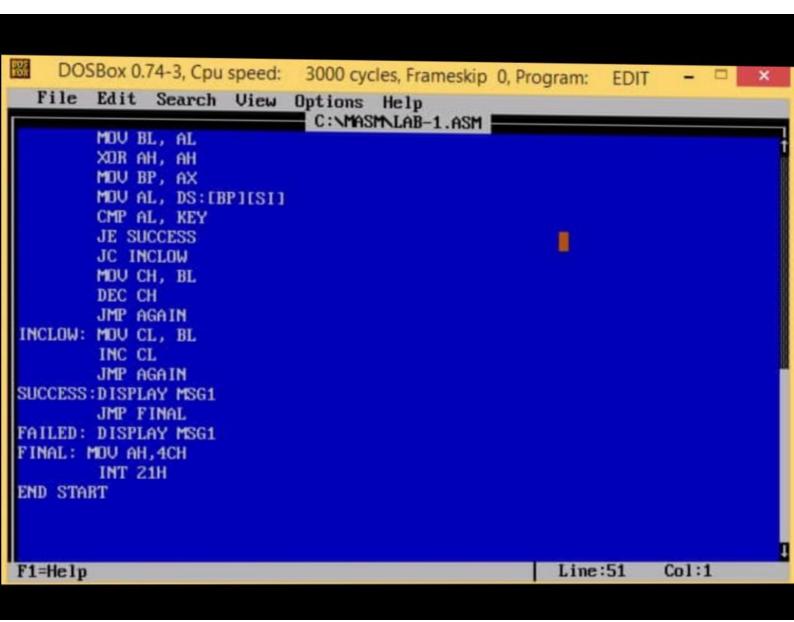
6	S. R. Poo JA IBM1905135 Classmate Date Page
	MODEL SMALL JA HOLL
	DISPLAY MACRO MSG
	LEA DX, MSG MADA 9MZ
	MOU AH, OPH HON CL BL NOW
	INT 21H DO 3ME
	ENDM WADA SME
	SUCCESS! DISPLAY MSG! ATAC.
	LIST DB OH, OSH, DTH, LOH, 12H, 14H JAMES 9MT
	NUMBER EQU (\$-1197) CARM MAR 21 (: CENTA)
	KEY DB 0124 HAW THE VAM : JAMES
	MSGI DB ODH, OAH, "ELEMENT FOUND IN THE LIST-B"
	MGG2 DB ODK, OAK, "SEARCH FAILED! ELEMENT NOT POUND IN THE LIST
	- Code
	START! MON AX, @ DATA
	MOV DS, AX MOV CH, NYMBER-1 &
	MOV CL, OOH
	ACLAIN: MON ST, DEFSET UST
	TOR AX AX
	CMR CL, CH
	JE NEXT
	JNC FAILED
	NEXT! MOV AL, CL
	ADD AL, CH
	SHRAL, OIH
	MOV BL, AL
	XOR AM, AM
	Mov BP, Ax
	MOV AL DS: (BP)[SI]
	CMP AL, KEY
	JE SUCCESS JC INCLOW

S.R. PODJA 1BM19CS135 MOV CH, BL DEC CH JMP AGAIN INCLOW! MON CL, BL PINC CL JMP AGAIN SUCCESS! DISPLAY MEG 1 JMP FINAL HULLING HOLD HER HED FALLED: DISPAY MSG 2 (7911-3) FINAL', MON AH, WEH ODH ORK "ELEMENT PHYSOTAL THE LIST - B" MON DAK "SEARCH FAILED II ELETSATS NOT QUE







```
BB DOSBox 0.74-3, Cpu speed:
                              3000 cycles, Frameskip 0, Program: DOSBOX -
      0 Warning Errors
      1 Severe Errors
C:\MASM>edit lab-1.asm
C:\MASM>MASM LAB-1;;
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.
  51478 + 465066 Bytes symbol space free
      0 Warning Errors
      O Severe Errors
C:\MASM>LINK LAB-1::
Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
LINK : warning L4021: no stack segment
C:\MASM>LAB-1
ELEMENT FOUND IN LIST....
C:\Masm>_
```