

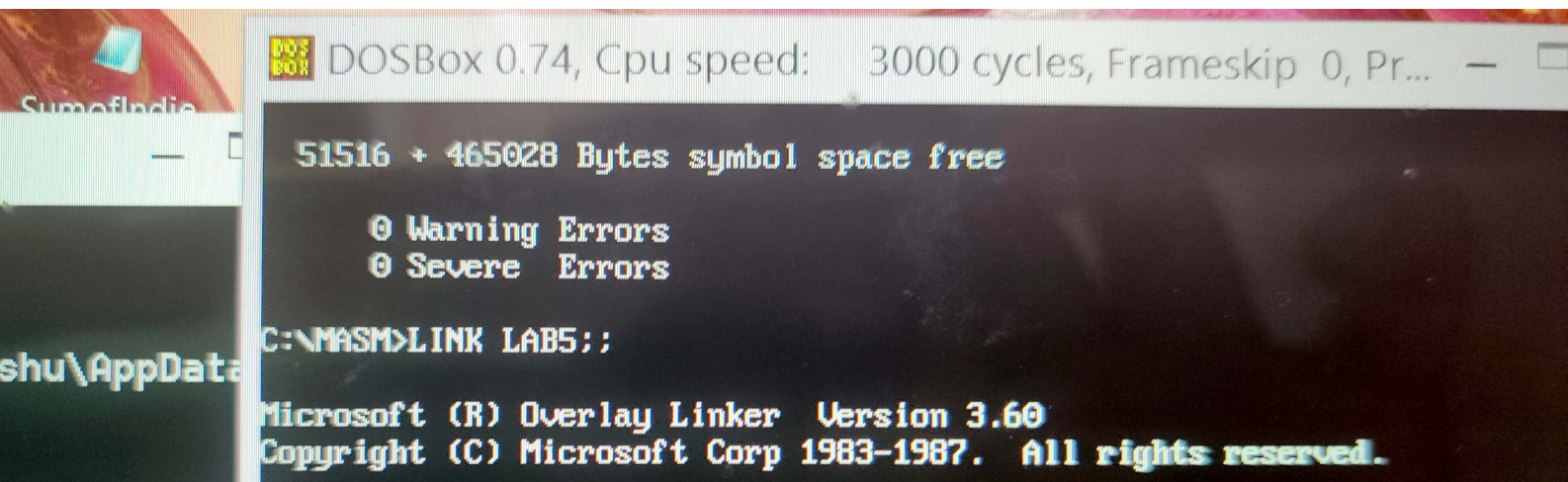
DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip: 0, Program...

File Edit View Search Run Watch Options Calls

local				reg	
source1 CS:IP (ACTIVE)					
52A:0000	B82D05	MOV	AX,052D	AX	= 0000
52A:0003	BED8	MOV	DS,AX	BX	= 0000
52A:0005	BA0E0000	MOV	CL,Byte Ptr [0000]	CX	= 0000
52A:0009	FEC9	DEC	CL	DX	= 0000
52A:000B	8AE9	MOV	CH,CL	SP	= 0000
52A:000D	BE0000	MOV	SI,0000	BP	= 0000
52A:0010	8AB40100	MOV	AL,Byte Ptr [SI+0001]	SI	= 0000
52A:0014	46	INC	SI	DI	= 0000
52A:0015	3AB40100	CMP	AL,Byte Ptr [SI+0001]	DS	= 051F
52A:0019	7208	JB	0023	ES	= 051F
52A:001B	86B40100	XCHG	AL,Byte Ptr [SI+0001]	SS	= 052F
52A:001F	88B40000	MOV	Byte Ptr [SI+0000],AL	CS	= 052F
52A:0023	FEC9	DEC	CH	IP	= 0000
52A:0025	73E9	JNB	0010	FL	= 0200
52A:0027	FEC9	DEC	CL		
52A:0029	73E0	JNB	000B		

command				reg	
51A:0000	CD 20 FF 9F 00 EA FF FF	AD DE 6C 02 CD 03 32 03	...		
51A:0010	CD 03 4B 0A CD 03 FF 04	01 01 00 02 03 FF FF	..K..		

F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Displau>



The image shows a DOSBox window titled "DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Pr...". The window contains a command prompt with the following text:

```
51516 + 465028 Bytes symbol space free  
  0 Warning Errors  
  0 Severe Errors  
C:\MASM>LINK LAB5;;  
Microsoft (R) Overlay Linker Version 3.60  
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
```

On the left side of the screen, there is a file explorer window showing a folder named "shu\AppData".



		local		reg	
		source1 CS:IP (ACTIVE)			
052A:0000	B83405	MOV	AX,0534	AX =	0000
052A:0003	8ED8	MOV	DS,AX	BX =	0000
052A:0005	8D360000	LEA	SI,Word Ptr [0000]	CX =	0000
052A:0009	B505	MOV	CH,05	DX =	0000
052A:000B	8D160600	LEA	DX,Word Ptr [0006]	SP =	0000
052A:000F	B409	MOV	AH,09	BP =	0000
052A:0011	CD21	INT	21	SI =	0000
052A:0013	8D161700	LEA	DX,Word Ptr [0017]	DI =	0000
052A:0017	B409	MOV	AH,09	DS =	051A
052A:0019	CD21	INT	21	ES =	051A
052A:001B	8D162800	LEA	DX,Word Ptr [0028]	SS =	0529
052A:001F	B409	MOV	AH,09	CS =	052A
052A:0021	CD21	INT	21	IP =	0000
052A:0023	8D163200	LEA	DX,Word Ptr [0032]	FL =	0200
052A:0027	B409	MOV	AH,09	NU UP EI PL	
		command		NZ NA PO NC	



DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Pr...

File Edit Search View Options Help

C:\MASMLAB5.ASM

```
.MODEL SMALL
DISPLAY MACRO MSG
LEA DX,MSG
MOV AH,09H
INT 21H
ENDM
.DATA
LIST DB 02H,01H,34H,0F4H,09H,05H
NUMBER EQU $-LIST
MSG1 DB 0DH,0AH,"1>>SORT IN ASC$"
MSG2 DB 0DH,0AH,"2>>SORT IN DES$"
MSG3 DB 0DH,0AH,"3>>EXIT$"
MSG4 DB 0DH,0AH,"4>>ENTER A CHOICE$"
MSG5 DB 0DH,0AH,"5>>INVALID$"
.CODE
MOV AX,@DATA
MOV DS,AX
LEA SI,LIST
MOV CH,NUMBER-1
DISPLAY MSG1
DISPLAY MSG2
DISPLAY MSG3
```

F1=Help

Line:1 Col:1