

Output:

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

File	Edit	View	Search	Run	Watch	Options	Calls	Help
local								
source1 CS:IP (ACTIVE)								
052A:0000	B82E05	MOV	AX,052E					AX = 0000
052A:0003	8ED8	MOV	DS,AX					BX = 0000
052A:0005	B505	MOV	CH,05					CX = 0000
052A:0007	B100	MOV	CL,00					DX = 0000
052A:0009	BE0E00	MOV	SI,000E					SP = 0000
052A:000C	33C0	XOR	AX,AX					BP = 0000
052A:000E	3ACD	CMP	CL,CH					SI = 0000
052A:0010	7402	JZ	0014					DI = 0000
052A:0012	732E	JNB	0042					DS = 051A
052A:0014	8AC1	MOV	AL,CL					ES = 051A
052A:0016	02C5	ADD	AL,CH					SS = 0529
052A:0018	D0E8	SHR	AL,1					CS = 052A
052A:001A	8AD8	MOV	BL,AL					IP = 0000
052A:001C	32E4	XOR	AH,AH					FL = 0200
052A:001E	8BE8	MOV	BP,AX					
052A:0020	3EBA02	MOV	AL,Byte Ptr DS:[BP+SI]					
command								
CU1053 Warning: TOOLS.INI not found								
CU0101 Warning: No symbolic information for C:\lab7.EXE								
>								

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

File	Edit	View	Search	Run	Watch	Options	Calls	Help
local								
source1 CS:IP (ACTIVE)								
052A:0023	3A061400	CMP	AL,Byte Ptr [0014]					AX = 0007
052A:0027	740E	JZ	0037					BX = 0002
052A:0029	7206	JB	0031					CX = 0500
052A:002B	8AEB	MOV	CH,BL					DX = 0000
052A:002D	FECB	DEC	CH					SP = 0000
052A:002F	EBDB	JMP	0009					BP = 0002
052A:0031	8ACB	MOV	CL,BL					SI = 000E
052A:0033	FEC1	INC	CL					DI = 0000
052A:0035	EBD2	JMP	0009					DS = 052E
052A:0037	8D161500	LEA	DX,Word Ptr [0015]					ES = 051A
052A:003B	B409	MOV	AH,09					SS = 0529
052A:003D	CD21	INT	21					CS = 052A
052A:003F	EB09	JMP	004A					IP = 0023
052A:0041	90	NOP						FL = 0246
052A:0042	8D163300	LEA	DX,Word Ptr [0033]					
052A:0046	B409	MOV	AH,09					
command								
CU1053 Warning: TOOLS.INI not found								
CU0101 Warning: No symbolic information for C:\lab7.EXE								
>								

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

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

File Edit View Search Run Watch Options Calls Help

local

source1 CS:IP (ACTIVE)

052A:0009	BE0E00	MOV	SI,000E
052A:000C	33C0	XOR	AX,AX
052A:000E	3ACD	CMP	CL,CH
052A:0010	7402	JZ	0014
052A:0012	732E	JNB	0042
052A:0014	8AC1	MOV	AL,CL
052A:0016	02C5	ADD	AL,CH
052A:0018	D0EB	SHR	AL,1
052A:001A	8AD8	MOV	BL,AL
052A:001C	32E4	XOR	AH,AH
052A:001E	8BEB	MOV	BP,AX
052A:0020	3E8A02	MOV	AL,Byte Ptr DS:[BP+SI]
052A:0023	3A061400	CMP	AL,Byte Ptr [0014]
052A:0027	740E	JZ	0037
052A:0029	7206	JB	0031
052A:002B	8AEB	MOV	CH,BL

command

CU1053 Warning: TOOLS.INI not found
CU0101 Warning: No symbolic information for C:\lab7.EXE
>

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

AX = 0007
BX = 0002
CX = 0503
DX = 0000
SP = 0000
BP = 0002
SI = 000E
DI = 0000
DS = 052E
ES = 051A
SS = 0529
CS = 052A
IP = 0009
FL = 0207

NU UP EI PL
NZ NA PE CY

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

File Edit View Search Run Watch Options Calls Help

local

source1 CS:IP (ACTIVE)

052A:0009	BE0E00	MOV	SI,000E
052A:000C	33C0	XOR	AX,AX
052A:000E	3ACD	CMP	CL,CH
052A:0010	7402	JZ	0014
052A:0012	732E	JNB	0042
052A:0014	8AC1	MOV	AL,CL
052A:0016	02C5	ADD	AL,CH
052A:0018	D0EB	SHR	AL,1
052A:001A	8AD8	MOV	BL,AL
052A:001C	32E4	XOR	AH,AH
052A:001E	8BEB	MOV	BP,AX
052A:0020	3E8A02	MOV	AL,Byte Ptr DS:[BP+SI]
052A:0023	3A061400	CMP	AL,Byte Ptr [0014]
052A:0027	740E	JZ	0037
052A:0029	7206	JB	0031
052A:002B	8AEB	MOV	CH,BL

command

CU1053 Warning: TOOLS.INI not found
CU0101 Warning: No symbolic information for C:\lab7.EXE
>

AX = 0004
BX = 0004
CX = 0503
DX = 0000
SP = 0000
BP = 0004
SI = 000E
DI = 0000
DS = 052E
ES = 051A
SS = 0529
CS = 052A
IP = 0020
FL = 0246

NU UP EI PL
ZR NA PE NC

DS:0012
12

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

File Edit View Search Run Watch Options Calls Help

local				reg
source1 CS:IP (ACTIVE)				
052A:002D	FEC0	DEC	CH	AX = 0012
052A:002F	EBD8	JMP	0009	BX = 0004
052A:0031	8ACB	MOV	CL,BL	CX = 0403
052A:0033	FEC1	INC	CL	DX = 0000
052A:0035	EBD2	JMP	0009	SP = 0000
052A:0037	8D161500	LEA	DX,Word Ptr [0015]	BP = 0004
052A:003B	B409	MOV	AH,09	SI = 000E
052A:003D	CD21	INT	21	DI = 0000
052A:003F	EB09	JMP	004A	DS = 052E
052A:0041	90	NOP		ES = 051A
052A:0042	8D163300	LEA	DX,Word Ptr [0033]	SS = 0529
052A:0046	B409	MOV	AH,09	CS = 052A
052A:0048	CD21	INT	21	IP = 002D
052A:004A	B44C	MOV	AH,4C	FL = 0202
052A:004C	CD21	INT	21	
052A:004E	0105	ADD	Word Ptr [DI],AX	NU UP EI PL
				NZ NA PO NC

command

CU1053 Warning: TOOLS.INI not found
CU0101 Warning: No symbolic information for C:\lab7.EXE

>

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

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

File Edit View Search Run Watch Options Calls Help

local				reg
source1 CS:IP (ACTIVE)				
052A:0009	BE0E00	MOV	SI,000E	AX = 0012
052A:000C	33C0	XOR	AX,AX	BX = 0004
052A:000E	3ACD	CMP	CL,CH	CX = 0303
052A:0010	7402	JZ	0014	DX = 0000
052A:0012	732E	JNB	0042	SP = 0000
052A:0014	8AC1	MOV	AL,CL	BP = 0004
052A:0016	02C5	ADD	AL,CH	SI = 000E
052A:0018	D0EB	SHR	AL,1	DI = 0000
052A:001A	8ADB	MOV	BL,AL	DS = 052E
052A:001C	32E4	XOR	AH,AH	ES = 051A
052A:001E	8BEB	MOV	BP,AX	SS = 0529
052A:0020	3E8A02	MOV	AL,Byte Ptr DS:[BP+SI]	CS = 052A
052A:0023	3A061400	CMP	AL,Byte Ptr [0014]	IP = 0009
052A:0027	740E	JZ	0037	FL = 0206
052A:0029	7206	JB	0031	
052A:002B	8AEB	MOV	CH,BL	NU UP EI PL
				NZ NA PE NC

command

CU1053 Warning: TOOLS.INI not found
CU0101 Warning: No symbolic information for C:\lab7.EXE

>

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

File	Edit	View	Search	Run	Watch	Options	Calls	Help
local								reg
source1 CS:IP (ACTIVE)								
052A:0037	8D161500	LEA	DX,Word Ptr [0015]					AX = 4C10
052A:003B	B409	MOV	AH,09					BX = 0003
052A:003D	CD21	INT	21					CX = 0303
052A:003F	EB09	JMP	004A					DX = 0015
052A:0041	90	NOP						SP = 0000
052A:0042	8D163300	LEA	DX,Word Ptr [0033]					BP = 0003
052A:0046	B409	MOV	AH,09					SI = 000E
052A:0048	CD21	INT	21					DI = 0000
052A:004A	B44C	MOV	AH,4C					DS = 052E
052A:004C	CD21	INT	21					ES = 051A
052A:004E	0105	ADD	Word Ptr [DI],AX					SS = 0529
052A:0050	07	POP	ES					CS = 052A
052A:0051	1012	ADC	Byte Ptr [BP+SI],DL					IP = 004E
052A:0053	1410	ADC	AL,10					FL = 0246
052A:0055	0D0A45	OR	AX,450A					NU UP EI PL
052A:0058	4C	DEC	SP					ZR NA PE NC
command								
CU1053 Warning: TOOLS.INI not found								DS:0000
CU0101 Warning: No symbolic information for C:\lab7.EXE								9009
>								

<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Disasm> <ESC=Cancel>

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

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Welcome to DOSBox v0.74

For a short introduction for new users type: INTRO
For supported shell commands type: HELP

To adjust the emulated CPU speed, use ctrl-F11 and ctrl-F12.
To activate the keymapper ctrl-F1.
For more information read the README file in the DOSBox directory.

HAVE FUN!
The DOSBox Team http://www.dosbox.com

Z:\>SET BLASTER=A220 I7 D1 H5 T6

Z:\>mount c c://8086
Drive C is mounted as local directory c://8086\

Z:\>c:

C:\>edit lab7.asm

C:\>cv lab7

ELEMENT FOUND IN THE LIST...

```