

.model small

.data

.code

mov ax,@data

mov ds,ax

mov al,63h

add al,88h

daa

mov ah,4ch

int 21h

end

The screenshot shows a DOS-based debugger interface. The main window displays assembly code with addresses, hex values, and mnemonics. The registers window on the right shows the current state of the 8086 registers. The memory window shows the contents of memory at address 051A:0000. The command window at the bottom shows the current command being entered.

Address	Hex	Mnemonic	Operand
052A:0000	B82A05	MOV	AX,052A
052A:0003	8ED8	MOV	DS,AX
052A:0005	B063	MOV	AL,63
052A:0007	0488	ADD	AL,88
052A:0009	27	DAA	
052A:000A	B44C	MOV	AH,4C
052A:000C	CD21	INT	21
052A:000E	B79A	MOV	BH,9A
052A:0010	B9FFFF	MOV	CX,FFFF
052A:0013	B85800	MOV	AX,0058
052A:0016	E8B902	CALL	02D2
052A:0019	8CDA	MOV	DX,DS
052A:001B	E8AB02	CALL	02C9

Register	Value
AX	052A
BX	0000
CX	0000
DX	0000
SP	0000
BP	0000
SI	0000
DI	0000
DS	051A
ES	051A
SS	0529
CS	052A
IP	0003
FL	0202

Address	Hex	ASCII
051A:0000	CD 20 FF 9F 00 EA FF FF AD DE 6C 02 CD 03 32 03
051A:0010	CD 03 4B 0A CD 03 FF 04 01 01 01 00 02 03 FF FF	. . K . . .
051A:0020	FF FF FF FF FF FF FF FF FF FF FF 10 05 72 22

Address	Hex	ASCII
051A:0000	CD 20 FF 9F 00 EA FF FF AD DE 6C 02 CD 03 32 03

>S

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