

GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help



Registers			Flag	
A	00		S	0
BC	07	00	Z	1
DE	00	00	AC	0
HL	0D	B1	P	1
PSW	00	00	C	0
PC	42	1E		
SP	FF	FF		
Int-Reg	00			

Decimal - Hex Conversion

Decimal: Hex:

I/O Ports

-

Memory

-

Load me at

```

1
2 LOOP: LXI H,3500
3 MVI D,00
4 MVI C,05
5 LOOP1: MOV A,M
6 INX H
7 CMP M
8 JNC LOOP2
9 MOV B,M
10 MOV M,A
11 DCX H
12 MOV M,B
13 INX H
14 MVI D,01
15 LOOP2: DCR C
16 JNZ LOOP1
17 MOV A,D
18 RRC
19 JC LOOP
20 HLT
21
22
23
24

```

Data Stack Keypad **Memory** I/O Ports

Start 3500

OK

Address (Hex)	Address	Data
0DAC	3500	9
0DAD	3501	7
0DAE	3502	3
0DAF	3503	2
0DB0	3504	0
0DB1	3505	0
0DB2	3506	0
0DB3	3507	0
0DB4	3508	0
0DB5	3509	0
0DB6	3510	0
0DB7	3511	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle