

File Reset Assembler Debug Help



Registers

A 04
BC 00 00
DE 00 00
HL 1F 42
PSW 00 00
PC 42 1D
SP FF FF
t-Reg 00

Flag

S 0
Z 1
AC 0
P 1
C 0

Decimal - Hex Conversion

Decimal Hex
0
To Hex To Dec

I/O Ports

- + 00
Update Port Value

Memory

- + 00
Update Memory

Load me at

```

1 LXI H,8000
2 MOV C,M
3
4 DCR C
5
6 LOOP3: MOV D,C
7 LXI H,8001
8 LOOP2: MOV A,M
9 INX H
10 CMP M
11
12 JC LOOP1
13 MOV B,M
14
15 MOV M,A
16 DCX H
17 MOV M,B
18 INX H
19 LOOP1: DCR D
20 JNZ LOOP2
21
22 DCR C
23 JNZ LOOP3
24 HLT
25

```

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

Start 8000

OK

Address (Hex)	Address	Data
1F40	8000	3
1F41	8001	0
1F42	8002	4
1F43	8003	18
1F44	8004	0
1F45	8005	0
1F46	8006	0
1F47	8007	0
1F48	8008	0
1F49	8009	0
1F4A	8010	0
1F4B	8011	0
1F4C	8012	0
1F4D	8013	0

Line No Assembler Message

0 Program assembled successfully