

File Reset Assembler Debug Help



Registers

A	00
BC	00 00
DE	02 00
HL	00 00
PSW	00 00
PC	42 2B
SP	04 03
Int-Reg	00

Flag

S	0
Z	1
AC	0
P	1
C	0

Load me at

```
1  LHLD 0003
2  SPHL
3  LHLD 0005
4  XCHG
5  MVI A,00
6  LXI H,0000
7  LXI B,0000
8  LOOP1: DAD SP
9  JNC LOOP2
10 INX B
11 LOOP2: DCX D
12 CMP E
13 JNC SKIP
14 CMP D
15 JNC SKIP
16 CMP D
17 SKIP: JNZ LOOP1
18 SHLD 0008
19 MOV H,B
20 MOV L,C
21 SHLD 0010
22 STOP: HLT
```

Decimal - Hex Conversion

Decimal

Hex

0

0

→ To Hex

← To Dec

I/O Ports

0

-

+

00

Update Port Value

Memory

0

-

+

00

Update Memory

Data Stack KeyPad Memory I/O Ports

Start 0000

OK

Address (Hex) Address Data

0000	0	0
0001	1	0
0002	2	0
0003	3	3
0004	4	4
0005	5	2
0006	6	2
0007	7	0
0008	8	6
0009	9	8
000A	10	0
000B	11	0
000C	12	0
000D	13	0

Line No Assembler Message

0 Program assembled successfully