



Registers			Flag
<i>A</i>	02		<i>S</i> 1
<i>BC</i>	04	02	
<i>DE</i>	00	00	<i>Z</i> 0
<i>HL</i>	04	4D	
<i>PSW</i>	00	00	<i>AC</i> 0
<i>PC</i>	42	19	
<i>SP</i>	FF	FF	<i>P</i> 1
<i>Int-Reg</i>	00		<i>C</i> 1

Load me at

```

1  LXI B,0000H
2  LHLD FC02H
3  XCHG
4  LHLD FC00H
5  MOV A,L
6  SUB E
7  MOV L,A
8  MOV A,H
9  SBB D
10 MOV H,A
11 JC SKIP
12 INX B
13 JMP LOOP
14 DAD D
15 SHLD FC06H
16 MOV L,C
17 MOV H,B
18 SHLD FC04H
19 HALT

```

Decimal - Hex Conversion

Decimal	Hex
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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

Address	Variable	Value	Value (Decimal)
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Line No	Assembler Message
0	Program assembled successfully