

Flag
<i>S</i> 0
<i>Z</i> <b>1</b>
<i>AC</i> 0
<i>P</i> <b>1</b>
<i>C</i> 0

```

1  LHLD 2001
2  XCHG
3  LHLD 2020
4  MOV A,D
5  STA 2030
6  MOV B,H
7  MVI C,10H
8  LOOP: INR C
9  SUB B
10 JNZ LOOP
11 MOV H,C
12 MOV A,E
13 MOV B,L
14 MVI C,00H
15 LP: INR C
16 SUB B
17 JNZ LP
18 MOV L,C
19 SHLD 2050
20 HLT

```

### Decimal - Hex Conversion

Hex

0

◀ To Dec

### ≡ I/O Ports

00

 Update Port Value

### Memory

00

Update Memory

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

OK

Address (Hex)	Address	Data
07FC	2044	0
07FD	2045	0
07FE	2046	0
07FF	2047	0
0800	2048	0
0801	2049	0
0802	2050	2
0803	2051	17
0804	2052	0
0805	2053	0
0806	2054	0
0807	2055	0
0808	2056	0
0809	2057	0
080A	2058	0

Line No	Assembler Message
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```
0 Program assembled successfully
```