

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

```

1  LXI H,1100
2  MOV B,M
3  MVI C,00
4  INX H
5  MOV A,M
6  LOOP: CMP B
7  JC SKIP
8  SUB B
9  INR C
10 JMP LOOP
11 SKIP: STA 1102
12 MOV A,C
13 STA 1103
14 HLT


```

Hex

0

◀ To Dec

00

 Update Port Value

00

Update Memory

OK

Address (Hex)	Address	Data
044C	1100	2
044D	1101	30
044E	1102	0
044F	1103	15
0450	1104	0
0451	1105	0
0452	1106	0
0453	1107	0
0454	1108	0
0455	1109	0
0456	1110	0
0457	1111	0
0458	1112	0
0459	1113	0
045A	1114	0

Line No	Assembler Message
0	Program assembled successfully