

A 00
 C 06 00
 DE 06 00
 HL 04 4D
 SW 00 00
 PC 42 19
 SP FF FF
 t-Reg 00

S 1
 Z 0
 AC 0
 P 1
 C 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

Decimal - Hex Conversion

Decimal	Hex
0	0

➡ To Hex ⬅ To Dec

I/O Ports

0 - + 00

@Update Port Value

Memory

0 - + 00

@Update Memory

Simulator: Idle

Data Stack KeyPad Memory I/O Ports

Start 1100 OK

Address (Hex)	Address	Data
044C	1100	6
044D	1101	0
044E	1102	0
044F	1103	0
0450	1104	0
0451	1105	0
0452	1106	0
0453	1107	0
0454	1108	0
0455	1109	0
0456	1110	0
0457	1111	0

Line No	Assembler Message
0	Program assembled successfully