



Registers

A	03	S	1
BC	02 03	Z	0
DE	00 00	AC	0
HL	00 00	P	0
PSW	00 00	C	1
PC	42 1B		
SP	FF FF		
Int-Reg	00		

Flag

Load me at

```
1 NOP
2 LDA 8500
3 MOV B,A
4 LDA 8501
5 MVI C,00H
6 LOOP: CMP B
7 JC EXIT
8 SUB B
9 INR C
10 JMP LOOP
11 EXIT: STA 8502
12 MOV A,C
13 STA 8503
14 HLT
15
```

Decimal - Hex Conversion

Decimal

Hex

→ To Hex

← To Dec

I/O Ports

 -

Update Port Value

Memory

 -

Update Memory

Data Stack Keypad Memory I/O Ports

Start 8500

OK

Address (Hex)	Address	Data
2134	8500	2
2135	8501	6
2136	8502	0
2137	8503	3
2138	8504	0
2139	8505	0
213A	8506	0
213B	8507	0
213C	8508	0
213D	8509	0
213E	8510	0
213F	8511	0
2140	8512	0
2141	8513	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle

Speaker (Realtek(R) Audio): Muted

