

GNUsim8085 - 8085 Microprocessor Simulator

File

Reset

Assembler

Debug

Help

Start

4051

OK

Registers

A	0C	S	0
BC	04 00	Z	1
DE	00 00	AC	0
HL	00 00	P	1
PSW	00 00	C	0
PC	42 13		
SP	FF FF		
Bit-Ray	00		

Decimal - Hex Conversion

Decimal

0

To Hex

Hex

0

To Dec

I/O Ports

0

-

+

00

Update Port Value

Memory

0

-

+

00

Update Memory

Load me at

1 LDA 4051

2 MOV B, A

3 LDA 4052

4 MOV C, A

5 MVI A, 05H

6 Loop1: ADD B

7 INCR C

8 JNZ Loop

9 STA 4053

10 RET

Address (Hex)

Address

Data

0F03	4051	4
0F04	4052	3
0F05	1053	12
0F06	4054	0
0F07	1055	0
0F08	4056	0
0F09	4057	0
0F0A	1058	0
0F0B	4059	0
0F0C	4060	0
0F0D	4061	0
0F0E	4062	0

Line No

Assembler Message

0

Program assembled successfully