

GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help



Registers

A	06
BC	02 00
DE	00 00
HL	00 00
PSW	00 00
PC	42 13
SP	FF FF
Int-Reg	00

Flag

S	0
Z	1
AC	0
P	1
C	0

Load me at

```

1 LDA 4051
2 MOV B,A
3 LDA 4052
4 MOV C,A
5 MVI A,00H
6 LOOP: ADD B
7 DCR C
8 JNZ LOOP
9 STA 4053
10 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

Data Stack KeyPad Memory I/O Ports

Start 4051

OK

Address (Hex)	Address	Data
0FD3	4051	2
0FD4	4052	3
0FD5	4053	6
0FD6	4054	0
0FD7	4055	0
0FD8	4056	0
0FD9	4057	0
0FDA	4058	0
0FDB	4059	0
0FDC	4060	0
0FDD	4061	0
0FDE	4062	0
0FDF	4063	0
0FE0	4064	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle

Top events
Event brief



Search



ENG
US



12:29
27-11-2023

