GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help

Registers

A		0E
BC	0C	00
DE	00	00
HL	00	00
PSW	00	00
PC	42	0C
SP	FF	FF
Int-Reg		00

Flag

S	0
Z	0
AC	0
P	0
C	0

Decimal - Hex Convertion

Decimal	Hex
0	0

To Hex | To Dec

I/O Ports

| 0 | − | + | 00 |

Update Port Value

Memory

| 8051 | − | + | 02 |

Update Memory

Load me at

```
1  LDA 8050
2  MOV B, A
3  LDA 8051
4  ADD B
5  STA 8052
6  HLT
```

Data   Stack   KeyPad   **Memory**   I/O Ports

Start 8050   OK

Address (Hex)	Address	Data
1F72	8050	12
1F73	8051	2
1F74	8052	14
1F75	8053	0
1F76	8054	0
1F77	8055	0
1F78	8056	0
1F79	8057	0
1F7A	8058	0
1F7B	8059	0
1F7C	8060	0
1F7D	8061	0
1F7E	8062	0
1F7F	8063	0

Line No	Assembler Message
0	Program assembled successfully

Simulator: Idle