GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help

Registers

A	00	
BC	02	0F
DE	00	10
HL	00	90
PSW	00	00
PC	42	11
SP	FF	FF
Int-Reg	00	

Flag

S 0
Z 1
AC 0
P 1
C 0

Decimal - Hex Convertion

Decimal: 0 — Hex: 0

To Hex | To Dec

I/O Ports

0 − + 00

Update Port Value

Memory

0 − + 00

Update Memory

Load me at

```
1  LHLD 2500
2  XCHG
3  LHLD 2502
4  MOV A,E
5  ADD L
6  MOV L,A
7  MOV A,D
8  ADC H
9  MOV H,A
10 SHLD 2504
11 HLT
```

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

Start 2500 OK

Address (Hex)	Address	Data
09C4	2500	16
09C5	2501	0
09C6	2502	128
09C7	2503	0
09C8	2504	144
09C9	2505	0
09CA	2506	0
09CB	2507	0
09CC	2508	0
09CD	2509	0
09CE	2510	0
09CF	2511	0
09D0	2512	0
09D1	2513	0
09D2	2514	0

Line No	Assembler Message
0	Program assembled successfully

Simulator: Idle