GNUSim8085 - 8085 Microprocessor Simulator

e Reset Assembler Debug Help

Print program

egisters

A		
BC	06	04
DE	00	00
HL	00	00
PSW	00	00
PC	42	10
SP	FF	FF
t-Reg	00	

Flag

S 0
Z 0
AC 0
P 0
C 0

Decimal - Hex Convertion

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 1100     ; Load the contents of memory address 1100 into accumulator A
2  MOV B, A    ; Move the contents of accumulator A into register B
3  LDA 1101     ; Load the contents of memory address 1101 into accumulator A
4  MOV C, A    ; Move the contents of accumulator A into register C
5  STA 1102     ; Store the contents of accumulator A into memory address 1102
6  MOV A, B    ; Move the contents of register B into accumulator A
7  STA 1103     ; Store the contents of accumulator A into memory address 1103
8  HLT             ; Halt the program execution
9
```

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

Start 1100 OK

Address (Hex)	Address	Data
044C	1100	6
044D	1101	4
044E	1102	4
044F	1103	6
0450	1104	0
0451	1105	0
0452	1106	0
0453	1107	0
0454	1108	0
0455	1109	0
0456	1110	0
0457	1111	0
0458	1112	0
0459	1113	0

Line No	Assembler Message
0	Program assembled successfully