Experiment 25-Swap two 8 bit data using 8085

GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help

Registers

A	28	
BC	28	00
DE	00	00
HL	00	00
PSW	00	00
PC	42	0F
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

0   −   +   00

Update Memory

Load me at

```
1  LDA 2000
2  MOV B,A
3  LDA 2001
4  STA 2000
5  MOV A,B
6  STA 2001
7  HLT
```

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

Start 2000   OK

Address (Hex)	Address	Data
07D0	2000	20
07D1	2001	40
07D2	2002	0
07D3	2003	0
07D4	2004	0
07D5	2005	0
07D6	2006	0
07D7	2007	0
07D8	2008	0
07D9	2009	0
07DA	2010	0
07DB	2011	0
07DC	2012	0
07DD	2013	0

Line No	Assembler Message
0	Program assembled successfully

Simulator: Idle