



Registers		Flag	
A	46	S	0
BC	46 00	Z	0
DE	00 00	AC	0
HL	00 00	P	0
PSW	00 00	C	0
PC	42 0F		
SP	FF FF		
Int-Reg	00		

Decimal - Hex Conversion

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 2500**
2 **MOV B, A**
3 **LDA 2501**
4 **STA 2500**
5 **MOV A, B**
6 **STA 2501**
7 **HLT**

Data

Start

2500

OK

Address (Hex)	Address	Data
09C4	2500	30
09C5	2501	70
09C6	2502	0
09C7	2503	0
09C8	2504	0
09C9	2505	0
09CA	2506	0
09CB	2507	0
09CC	2508	0
09CD	2509	0
09CE	2510	0
09CF	2511	0

Line No Assembler Message

0 Program assembled successfully