



Registers

A	09	S	0
BC	00	00	
DE	00	00	
HL	10	01	
PSW	00	00	
PC	42	0A	P 1
SP	FF	FF	
Int-Reg	00		C 0

Flag

S	0
Z	0
AC	0
P	1
C	0

Decimal - Hex Conversion

Decimal

0

To Hex

Hex

0

To Dec

I/O Ports

-

+

00

Update Port Value

Memory

-

+

00

Update Memory

Load me at

1 `lx1 h , 1000h`

2 `mov a,m`

3 `inx h`

4 `add m`

5 `sta 1002h`

6 `hlt`

Data

Stack

KeyPad

Memory

I/O Ports

Start

1000h

OK

Address (Hex)	Address	Data
1000	4096	5
1001	4097	4
1002	4098	9
1003	4099	0
1004	4100	0
1005	4101	0
1006	4102	0
1007	4103	0
1008	4104	0
1009	4105	0
100A	4106	0
100B	4107	0
100C	4108	0
100D	4109	0

Line No	Assembler Message
0	Program assembled successfully

Simulator: Idle

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