

Flag

S 0

Z 1

AC 0

P 1

C 0

Conversion

Hex

To Dec

Value

Memory

Load me at

1 LDA 0000H

2 MOV B,A

3 LDA 0001H

4 STA 0000H

5 MOV A,B

6 STA 0001H

7 HLT

DataStackKeyPadMemoryI/O Port

Start 0000

Address (Hex)	Address	Data
0000	0	9
0001	1	6
0002	2	0
0003	3	0
0004	4	0
0005	5	0
0006	6	0
0007	7	0
0008	8	0
0009	9	0
000A	10	0
000B	11	0
000C	12	0
000D	13	0
000E	14	0
000F	15	0
0010	16	0
0011	17	0

Line No	Assembler Message
0	Program assembled successfully