



Registers

A	02	S	0
BC	00 03	Z	1
DE	00 02	AC	0
HL	00 00	P	1
PSW	00 00	C	0
PC	42 1B		
SP	FF FF		
Int-Reg	00		

Flag

Decimal - Hex Conversion

Decimal	Hex
<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="button" value="To Hex"/>	<input type="button" value="To Dec"/>

I/O Ports

<input type="text" value="0"/>	-	<input type="text" value="00"/>
<input type="button" value="Update Port Value"/>		

Memory

<input type="text" value="0"/>	-	<input type="text" value="00"/>
<input type="button" value="Update Memory"/>		

Load me at

```
1 LDA 2001
2 MOV B,A
3 MVI C,01
4 MVI E,01
5 LOOP: MOV D,C
6 MVI A,00H
7 LP: ADD E
8 DCR D
9 JNZ LP
10 MOV E,A
11 INR C
12 DCR B
13 JNZ LOOP
14 MOV A,E
15 STA 2006
16 HLT
```

Data Stack KeyPad Memory I/O Ports

Start 2001

OK

Address (Hex)	Address	Data
07D1	2001	2
07D2	2002	6
07D3	2003	3
07D4	2004	2
07D5	2005	5
07D6	2006	120
07D7	2007	0
07D8	2008	0
07D9	2009	0
07DA	2010	0
07DB	2011	0
07DC	2012	0

Line No Assembler Message

0 Program assembled successfully