

Registers

A	02
BC	03 00
DE	00 00
HL	00 00
SW	00 00
PC	42 0C
SP	FF FF
-Reg	00

Flag

S	0
Z	0
AC	0
P	0
C	0

Decimal - Hex Conversion

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

I/O Ports

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

Memory

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

Load me at

```
1 LDA 3052
2 MOV B,A
3 LDA 3054
4 SUB B
5 STA 3056
6 HLT
```

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

Start

Address (Hex)	Address	Data
0BEC	3052	3
0BED	3053	0
0BEE	3054	5
0BEF	3055	0
0BF0	3056	2
0BF1	3057	0
0BF2	3058	0
0BF3	3059	0
0BF4	3060	0
0BF5	3061	0
0BF6	3062	0
0BF7	3063	0

Line No	Assembler Message
0	Program assembled successfully