

GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help



Registers

A	01
BC	00 00
DE	00 00
HL	00 00
PSW	00 00
PC	42 17
SP	FF FF
Int-Reg	00

Flag

S	0
Z	0
AC	0
P	0
C	0

Load me at

```

1 LDA 3050
2 MOV B,A
3 LDA 3051
4 ADD B
5 STA 3052
6 LDA 3053
7 MOV B,A
8 LDA 3054
9 ADD B
10 STA 3055
11 HLT
    
```

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"/>		

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

Start

Address (Hex)	Address	Data
0BEA	3050	2
0BEB	3051	3
0BEC	3052	5
0BED	3053	0
0BEE	3054	1
0BEF	3055	1
0BF0	3056	0
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

Simulator: Idle