

# GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help



Registers			Flag	
A	02		S	0
BC	04	00	Z	0
DE	00	00	AC	0
HL	00	00	P	0
PSW	00	00	C	0
PC	42	0C		
SP	FF	FF		
Int-Reg	00			

## 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 8000
2 MOV B,A
3 LDA 8001
4 SUB B
5 STA 8002
6 RST 1
7

```

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

Start 8000

OK

Address (Hex)	Address	Data
1F40	8000	4
1F41	8001	6
1F42	8002	2
1F43	8003	0
1F44	8004	0
1F45	8005	0
1F46	8006	0
1F47	8007	0
1F48	8008	0
1F49	8009	0
1F4A	8010	0
1F4B	8011	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle

Type here to search



9:12 AM  
10/16/2023