

# GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help



## Registers

A	C0	
BC	C0	DB
DE	00	00
HL	00	00
PSW	00	00
PC	42	10
SP	FF	FF
Int-Reg	00	

## Flag

S	0
Z	0
AC	0
P	0
C	0

Load me at

```
1 LDA 2001
2 MOV B,A
3 LDA 2002
4 MOV C,A
5 STA 2003
6 MOV A,B
7 STA 2004
8 HLT
9
```

## 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 2001

OK

Address (Hex)	Address	Data
07D1	2001	192
07D2	2002	219
07D3	2003	219
07D4	2004	192
07D5	2005	0
07D6	2006	0
07D7	2007	0
07D8	2008	0
07D9	2009	0
07DA	2010	0
07DB	2011	0
07DC	2012	0
07DD	2013	0
07DE	2014	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle

32°C  
Haze

Search



ENG IN 12:26 17-10-2023