

# GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help



## Registers

A	00
BC	00 00
DE	00 00
HL	00 00
PSW	00 00
PC	42 11
SP	FF FF
Int-Reg	00

## Flag

S	0
Z	1
AC	0
P	1
C	0

Load me at

```

1  LHLD 9000H
2  XCHG
3  LHLD 9002H
4  MOV A,E
5  SUB L
6  MOV L,A
7  MOV A,D
8  SBB H
9  MOV H,A
10 SHLD 9004H
11 HLT
    
```

## Decimal - Hex Conversion

Decimal Hex

0 0

To Hex To Dec

## I/O Ports

0 - + 00

Update Port Value

## Memory

0 - + 00

Update Memory

Data Stack KeyPad Memory I/O Ports

Start 9000 OK

Address (Hex)	Address	Data
2328	9000	34
2329	9001	12
232A	9002	34
232B	9003	12
232C	9004	0
232D	9005	0
232E	9006	0
232F	9007	0
2330	9008	0
2331	9009	0
2332	9010	0
2333	9011	0
2334	9012	0
2335	9013	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle