

GNUSim8085 - 8085 Microprocessor Simulator

File Reset Assembler Debug Help



Registers

A	0C	
BC	07	00
DE	00	00
HL	00	00
PSW	00	00
PC	42	09
SP	FF	FF
Int-Reg	00	

Flag

S	0
Z	0
AC	0
P	1
C	0

Load me at

```
1 MVI A, #05
2 MVI B, #07
3 ADD B
4 STA 8502
5 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 8502

OK

Address (Hex)	Address	Data
2136	8502	12
2137	8503	0
2138	8504	0
2139	8505	0
213A	8506	0
213B	8507	0
213C	8508	0
213D	8509	0
213E	8510	0
213F	8511	0
2140	8512	0
2141	8513	0
2142	8514	0
2143	8515	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle