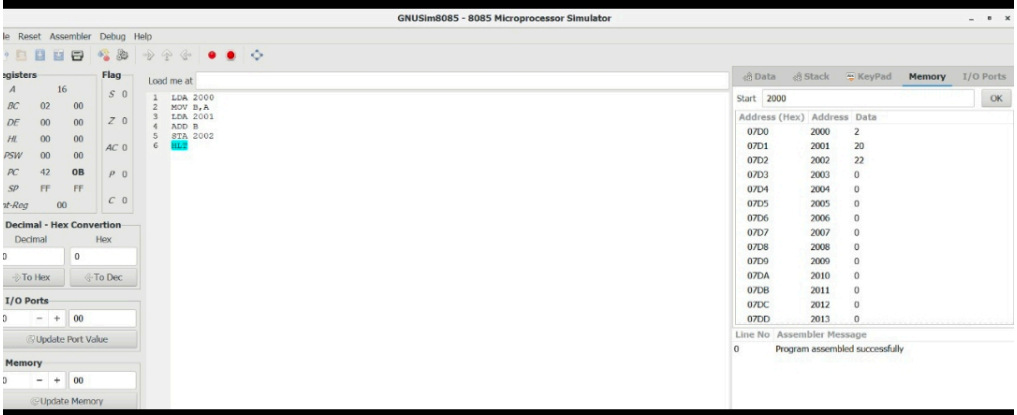
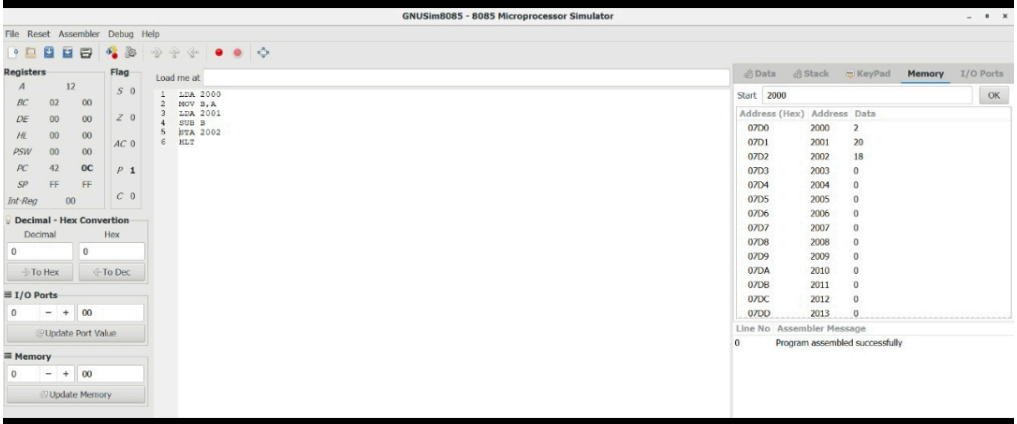
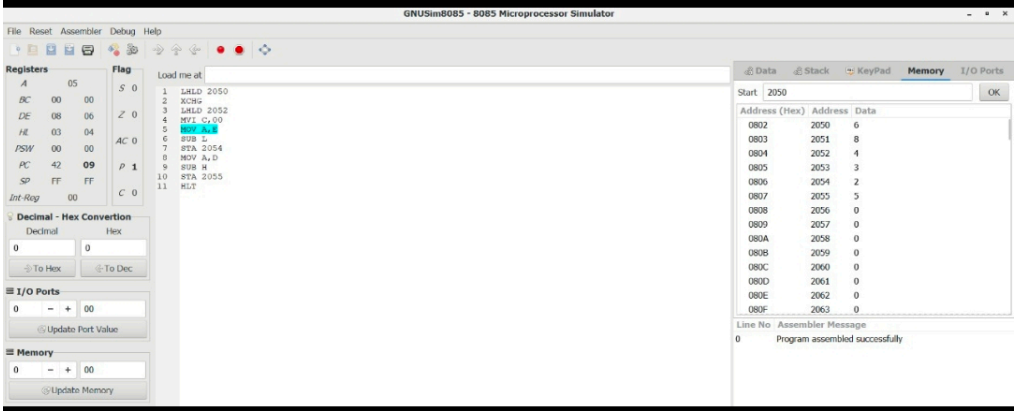
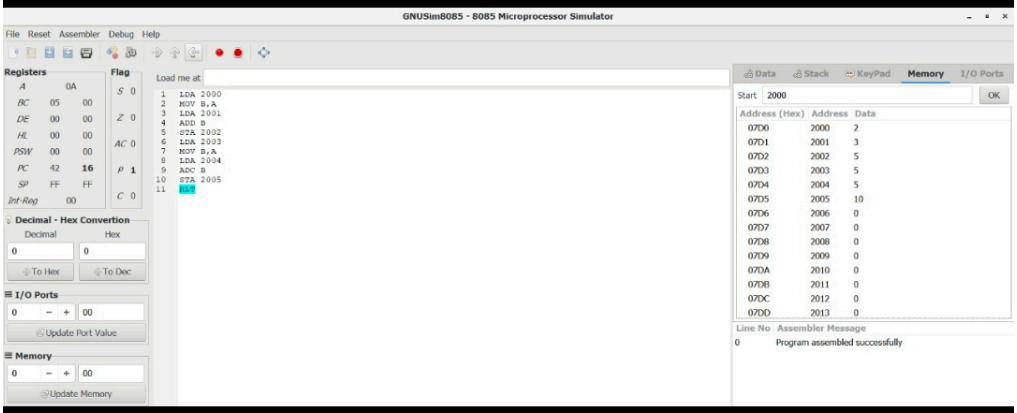
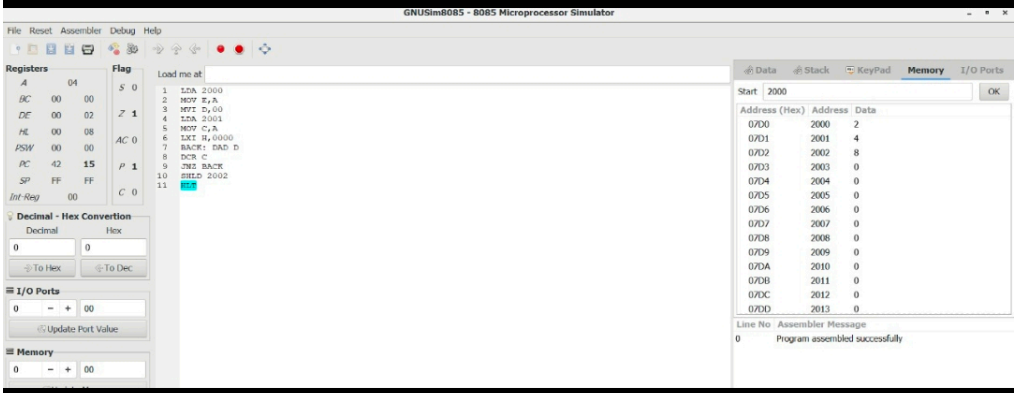
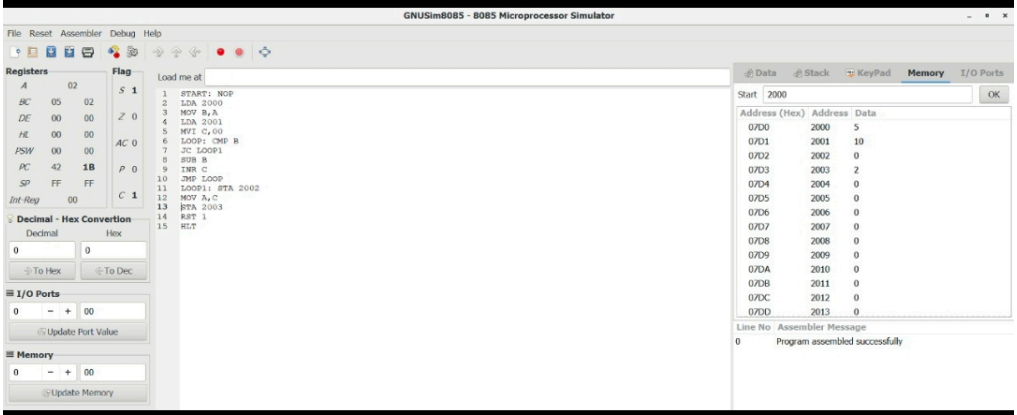

GNUSim8085 - 8085 Microprocessor Simulator
Reset
Assembler
Debug
Help
Flag
Load me at
1 LDA 2000
2 MOV B,A
3 LDA 2001
4 ADD B
5 STA 2002
6 HLT
Data
Stack
KeyPad
Memory
I/O Ports
Start
2000
OK
Address (Hex)
Address
Data
07D0 2000 2
07D1 2001 20
07D2 2002 22
07D3 2003 0
07D4 2004 0
07D5 2005 0
07D6 2006 0
07D7 2007 0
07D8 2008 0
07D9 2009 0
07DA 2010 0
07DB 2011 0
07DC 2012 0
07DD 2013 0
Decimal - Hex Convertion
Decimal
Hex
To Hex
To Dec
I/O Ports
Update Port Value
Memory
Update Memory
Line No
Assembler Message
0
Program assembled successfully


GNUSim8085 - 8085 Microprocessor Simulator
File Reset Assembler Debug Help
Registers
Flag
Load me at
1 LDA 2000
2 MOV B,A
3 LDA 2001
4 SUB B
5 STA 2002
6 HLT
Data Stack KeyPad Memory I/O Ports
Start 2000 OK
Address (Hex) Address Data
07D0 2000 2
07D1 2001 20
07D2 2002 18
Decimal - Hex Convertion
Decimal Hex
To Hex To Dec
I/O Ports
Update Port Value
Memory
Update Memory
Line No Assembler Message
0 Program assembled successfully


GNUSim8085 - 8085 Microprocessor Simulator
File Reset Assembler Debug Help
Registers
Flag
Load me at
1 LHLD 2050
2 XCHG
3 LHLD 2052
4 MVI C,00
5 MOV A,E
6 SUB L
7 STA 2054
8 MOV A,D
9 SUB H
10 STA 2055
11 HLT
Data Stack KeyPad Memory I/O Ports
Start 2050
OK
Address (Hex) Address Data
0802 2050 6
0803 2051 8
0804 2052 4
0805 2053 3
0806 2054 2
0807 2055 5
0808 2056 0
0809 2057 0
080A 2058 0
080B 2059 0
080C 2060 0
080D 2061 0
080E 2062 0
080F 2063 0
Line No Assembler Message
0 Program assembled successfully
Decimal - Hex Convertion
Decimal Hex
To Hex
To Dec
I/O Ports
Update Port Value
Memory
Update Memory


GNUSim8085 - 8085 Microprocessor Simulator
File Reset Assembler Debug Help
Registers
Flag
Load me at
1 LDA 2000
2 MOV B,A
3 LDA 2001
4 ADD B
5 STA 2002
6 LDA 2003
7 MOV B,A
8 LDA 2004
9 ADC B
10 STA 2005
11 HLT
Data Stack KeyPad Memory I/O Ports
Start 2000 OK
Address (Hex) Address Data
07D0 2000 2
07D1 2001 3
07D2 2002 5
07D3 2003 5
07D4 2004 5
07D5 2005 10
07D6 2006 0
07D7 2007 0
07D8 2008 0
07D9 2009 0
07DA 2010 0
07DB 2011 0
07DC 2012 0
07DD 2013 0
Line No Assembler Message
0 Program assembled successfully
Decimal - Hex Convertion
Decimal Hex
To Hex To Dec
I/O Ports
Update Port Value
Memory
Update Memory


GNUSim8085 - 8085 Microprocessor Simulator
File Reset Assembler Debug Help
Registers
Flag
Load me at
1 LDA 2000
2 MOV E,A
3 MVI D,00
4 LDA 2001
5 MOV C,A
6 LXI H,4000
7 BACK: DAD D
8 DCR C
9 JNZ BACK
10 SHLD 2002
11 HLT
Data Stack KeyPad Memory I/O Ports
Start 2000 OK
Address (Hex) Address Data
07D0 2000 2
07D1 2001 4
07D2 2002 8
07D3 2003 0
07D4 2004 0
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
Line No Assembler Message
0 Program assembled successfully
Decimal - Hex Convertion
Decimal Hex
To Hex To Dec
I/O Ports
Update Port Value
Memory


GNUSim8085 - 8085 Microprocessor Simulator
File Reset Assembler Debug Help
Registers
Flag
Load me at
1 START: NOP
2 LDA 2000
3 MOV B,A
4 LDA 2001
5 MVI C,00
6 LOOP: CMP B
7 JC LOOP1
8 SUB B
9 INR C
10 JMP LOOP
11 LOOP1: STA 2002
12 MOV A,C
13 STA 2003
14 RST 1
15 HLT
Data Stack KeyPad Memory I/O Ports
Start 2000
OK
Address (Hex) Address Data
07D0 2000 5
07D1 2001 10
07D2 2002 0
07D3 2003 2
07D4 2004 0
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
Decimal - Hex Convertion
Decimal Hex
To Hex To Dec
I/O Ports
Update Port Value
Memory
Update Memory
Line No Assembler Message
0 Program assembled successfully