

me at

```
LDA 2050  
MOV B,A  
LDA 2052  
SUB B  
STA 2054  
HLT
```

Start 2050

Address (Hex)	Address	Data
0802	2050	2
0803	2051	0
0804	2052	5
0805	2053	0
0806	2054	3
0807	2055	0
0808	2056	0
0809	2057	0
080A	2058	0
080B	2059	0
080C	2060	0
080D	2061	0

Line No Assembler Message

0 Program assembled successfully

```

lda 2001
mov b,a
lda 2005
mov c,a
mvi a,00h
loop: add b
dec c
jnz loop
sta 2020
hlt

```

Start 2001

OK

Address (Hex)	Address	Data
07D1	2001	3
07D2	2002	0
07D3	2003	0
07D4	2004	0
07D5	2005	5
07D6	2006	0
07D7	2007	0
07D8	2008	0
07D9	2009	0
07DA	2010	0
07DB	2011	0
07DC	2012	0

Line No Assembler Message

0 Program assembled successfully

oad me at

```
1 LDA 2050
2 MOV B,A
3 LDA 2052
4 ADD B
5 STA 2054
6 HLT
7
```

```
LHLD 2500
XCHG
LHLD 2502
MOV A,E
SUB L
MOV L,A
MOV A,D
ADC H
MOV H,A
SHLD 2504
HLT
```

Start 2500

OK

Address (Hex)	Address	Data
09C4	2500	6
09C5	2501	0
09C6	2502	4
09C7	2503	0
09C8	2504	2
09C9	2505	0
09CA	2506	0
09CB	2507	0
09CC	2508	0
09CD	2509	0
09CE	2510	0
09CF	2511	0

Line No Assembler Message

0 Program assembled successfully