

Load me at

1

LHLD 2050

2

SPHL

3

LHLD 2052

4

XCHG

5

LXI H,0000H

6

LXI B,0000H

7

AGAIN: DAD SP

8

JNC START

9

INX B

10

START: DCX D

11

MOV A,E

12

ORA D

13

JNZ AGAIN

14

SHLD 2054

15

MOV L,C

16

MOV H,B

17

SHLD 2055

18

HLT

Data

Stack

Keypad

Memory

I/O Ports

Start

2050

OK

Address (Hex)	Address	Data
0802	2050	4
0803	2051	0
0804	2052	9
0805	2053	0
0806	2054	36
0807	2055	0
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