

16-BIT ADDITION:

gisters

A	05
BC	02 02
DE	03 00
HL	00 00
SW	00 00
PC	42 19
SP	FF FF
Reg	00

Flag

S	0
Z	0
AC	0
P	1
C	0

decimal - Hex Conversion

Decimal	Hex
	0
To Hex	To Dec

I/O Ports

- +	00
Update Port Value	

Memory

- +	07
Update Memory	

Load me at

1 LDA 8500

2 MOV B,A

3 LDA 8501

4 MOV C,A

5 LDA 8502

6 MOV D,A

7 LDA 8503

8 ADD C

9 STA 8505

10 MOV A,D

11 ADD B

12 STA 8504

13 RST 1

Data Stack Keypad Memory I/O Ports

Start 8500

OK

Address (Hex)	Address	Data
2134	8500	2
2135	8501	2
2136	8502	3
2137	8503	3
2138	8504	5
2139	8505	5
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
2144	8516	0
2145	8517	0

Line No

Assembler Message

0

Program assembled successfully