

Registers			Flag	
A	3C		S	0
BC	0A	00	Z	1
DE	00	00	AC	0
HL	1B	58	P	1
PSW	00	00	C	0
PC	42	1A		
SP	FF	FF		
Int-Reg	00			

Decimal - Hex Conversion

Decimal	Hex
0	0
To Hex	To Dec

I/O Ports

0	-	+	00
Update Port Value			

Memory

0	-	+	00
Update Memory			

Load me at

```
1 LDA 8500
2 MOV B,A
3 LDA 8501
4 MOV C,A
5 CPI 00
6 JZ LOOP
7 XRA A
8 LOOP1: ADD B
9 DCR C
10 JZ LOOP
11 JMP LOOP1
12 LOOP: STA 8502
13 RST 1
14
```

Memory		
Start	8500	OK
Address (Hex)	Address	Data
2134	8500	10
2135	8501	6
2136	8502	60
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

Line No	Assembler Message
0	Program assembled successfully