



## Registers

A	00
BC	04 00
DE	1E 00
HL	00 00
PSW	00 00
PC	42 17
SP	FF FF
Int-Reg	00

## Flag

S	1
Z	0
AC	0
P	0
C	1

Load me at

```
1 LDA 8501
2 MOV B,A
3 LDA 8500
4 MVI C,00
5 LOOP: CMP B
6 JC LOOP1
7 SUB B
8 INR C
9 LOOP1: STA 8503
10 MOV A,C
11 STA 8502
12 RST 1
```

## Decimal - Hex Conversion

Decimal

Hex

0

0

→ To Hex

← To Dec

## I/O Ports

0

-

+

00

Update Port Value

## Memory

0

-

+

00

Update Memory

## Data Stack KeyPad Memory I/O Ports

Start 8500

OK

Address (Hex) Address Data

2134	8500	2
2135	8501	4
2136	8502	0
2137	8503	2
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