

**Multiplication of two 8 bit numbers:**

FileResetAssemblerDebugHelp

Registers

A18

BC0600

DE0000

HL0000

PSIW0000

PC421A

SPFFFF

Int-Reg00

Flag

S0

Z1

AC0

P1

C0

Decimal - Hex Conversion

Decimal

0

Hex

0

↔To Hex

↔To Dec

I/O Ports

0

-

+

00

ⓈUpdate Port Value

Memory

0

-

+

00

ⓈUpdate Memory

Load me at:

1LDA8500

2MOVH,A

3LDA8501

4MOVC,A

5CPI00

6JZLOOP

7XRAA

8LOOP1:ADD B

9DCR B

10JZLOOP

11JMPLOOP1

12LOOP1:STA8502

13RST 1

14

DataStackKeyPadMemoryI/O

Start8500

Address (Hex)	Address	Data
2134	8500	6
2135	8501	4
2136	8502	24
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
2142	8514	0
2143	8515	0
2144	8516	0
2145	8517	0

Line No

Assembler Message

0

Program assembled successfully