

File Reset Assembler Debug Help



Registers

| | |
|---------|-------|
| A | 03 |
| BC | 02 03 |
| DE | 00 00 |
| HL | 00 00 |
| PSW | 00 00 |
| PC | 42 1B |
| SP | FF FF |
| Int-Reg | 00 |

Flag

| | |
|----|---|
| S | 1 |
| Z | 0 |
| AC | 0 |
| P | 0 |
| C | 1 |

Load me at

```

1 NOP
2 LDA 8500
3 MOV B,A
4 LDA 8501
5 MVI C,00H
6 LOOP: CMP B
7 JC EXIT
8 SUB B
9 INR C
10 JMP LOOP
11 EXIT: STA 8502
12 MOV A,C
13 STA 8503
14 HLT
15

```

Decimal - Hex Conversion

| | |
|---|---|
| Decimal | Hex |
| 0 | 0 |
| <input type="button" value="⇒ To Hex"/> | <input type="button" value="⇐ To Dec"/> |

I/O Ports

| | | | |
|--|---|---|----|
| 0 | - | + | 00 |
| <input type="button" value="Update Port Value"/> | | | |

Memory

| | | | |
|--|---|---|----|
| 8501 | - | + | 06 |
| <input type="button" value="Update Memory"/> | | | |

Simulator: Idle

Data
Stack
KeyPad
Memory
I/O Ports

Start 8500

| Address (Hex) | Address | Data |
|---------------|---------|------|
| 2134 | 8500 | 2 |
| 2135 | 8501 | 6 |
| 2136 | 8502 | 0 |
| 2137 | 8503 | 3 |
| 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

Speaker (Realtek(R) Audio): Muted



Search



ENG

IN

13:38

06-01-2026