

| ROM | Asm |
|-----|-----|
| 585 | |
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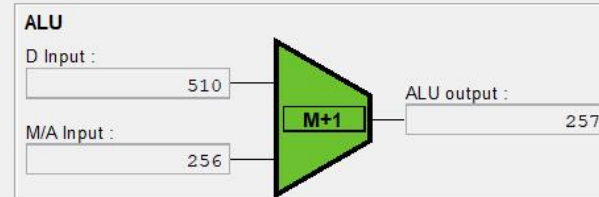
PC 600

| RAM | |
|-----|------|
| 0 | 257 |
| 1 | 300 |
| 2 | 400 |
| 3 | 3000 |
| 4 | 3010 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 510 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 11 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |

A 0

| | | | | | | | |
|----------|----------|----------|----------|-----------|-----------|-----------|---------|
| RAM[256] | RAM[300] | RAM[401] | RAM[402] | RAM[3006] | RAM[3012] | RAM[3015] | RAM[11] |
| 472 | 10 | 21 | 22 | 36 | 42 | 45 | 510 |

D 510



End of script - Comparison ended successfully

File View Run Help



Slow

Fast

Animate:

No animation

View:

Script

Format:

Decimal

| ROM | Asm |
|-----|-----|
| 436 | |
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PC 450

| RAM | |
|-----|------|
| 0 | 257 |
| 1 | 0 |
| 2 | 0 |
| 3 | 3030 |
| 4 | 3040 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 3046 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |

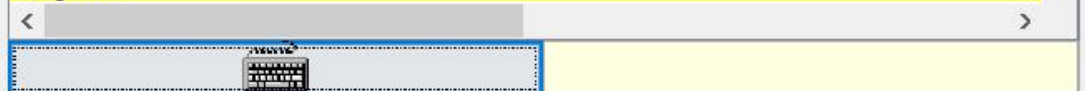
A 0

```
load PointerTest.asm,
output-file PointerTest.out,
compare-to PointerTest.cmp,
output-list RAM[256]%D1.6.1 RAM[3]%D1.6.1
          RAM[4]%D1.6.1 RAM[3032]%D1.6.1 RAM[3046]%D1.6.1;

set RAM[0] 256,    // initializes the stack pointer

repeat 450 {      // enough cycles to complete the execution
    ticktock;
}

// outputs the stack base, this, that, and
// some values from the the this and that segments
output;
```



D 46

ALU

D Input :

46

M/A Input :

256

ALU output :

257