Assembler MARIE Storage of measurements from readings of sensor

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We made a program that taking as reference a sensor that delivers a reading through a parallel bus at a rate of 12 bits/ms, stores the first 50 measurements in memory.

Assembly code: Autosaved file

```
ORG 100
while,Input
    StoreI mem
    Load mem
    Add   uno
    store mem
    Load cont
    Subt unod
    Store cont
skipcond 400
jump while

halt
mem, hex 0
cont, DEC 50
uno, HEX 1
unod, DEC 1
```

AC 0000
IR 7000
MAR 10A
MBR 7000
PC 10B
IN 0075
OUT 0000

Output log | RTL log | Watch list | Input list

OUTPUT MODE: HEX

Machine halted normally.

	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9	+A	+B	+C	+D	+E	+F
000	0054	0041	0058	0041	0096	0058	0042	0021	0013	0015	0007	0002	0046	0085	0071	0023
010	0006	0041	0025	0026	0015	0052	0041	0085	0036	0040	0085	0010	0027	0069	0013	0014
020	0004	0007	0080	0056	0024	0096	0023	0075	0019	0026	0028	0042	0037	0035	0021	0064
030	0050	0075	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
040	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
050	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
060	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000