;Lab #4 LC-3 Tutorial;Author: Zane Wonsey;Date: 10-14-2013

(p)

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;start the program at location x3000
;clear R1, used for running sum
;clear R4, used for counter
; load R4 with #10, the number of times to add (c)
; load the starting address of the data
; load the next number to be added
;++p
; add next number to the sum
;c
; do it again if the counter is not yet zero
;halt

RG XXXX XXXX XXXX XXXX XXXX MIN MUL 0000 0000 0000 000 1

DR 1000 0000 0000 0000 000 X

A ...

```
10-14-13 Wonsey
1. at 3 0110 1111 0000 0011 L
at 6 1101 0000 0010 0001 L
             138192 1024 12864
  a. 1'5 0110 0100 1100 1010 25,796

X 2'5 0110 0100 1100 0110
               0000 0000 0110 0101
                          64+32 + 4+1 = 101 => e
   C. 1100 0011 0101 1010 1101 0000 0010 0001
                       5951522
           134
         exponent mantisa
          exponent
             -1.10110101101000000001 x 2-1
                                     = (750) 7749
                0001 1110 0100 0101
     d. at 2
                  1211109 6 20
               0110 1111 0000 0011 = 28,419
                14 13 11 109 8
                          .10
```