

Lui 0x384

Addi R5, R1,13

Xor R3, R1, R5

Lw R1, 0(R0)      reg[1] <- mem[0]

Lw R2, 1(R0)      reg[2] <- mem[1]

Lw R3, 2(R0)      reg[3] <- mem[2]

Addi R4, R4, 10

Sub R4, R4, R4

L2: Add R4, R2, R4

Slt R6, R2, R3

Beq R6, R0, L1

Add R2, R1, R2

Beq R0, R0, L2

L1: Sw R4, 0(R0)    mem[0] <- reg[4]

Jal func

Sll R3, R2, 6

ROR R6, R3, 3

beq r0,r0,-1                      program is over, keep looping back to here

Func: or R5, R2, R3

Lw R1, 0(R0)

Lw R2, 5(R1)

Lw R3 ,6(R1)

And R4, R2, R3

Sw R4, 0(R0)      mem[0] <- reg[4]

Jr R7

Memory starting from address 0 contains:

M[0]= 0001

M[1]=0001

M[2]=000a

M[60]=430a

M[61]=7342