Primeira linha da instrução é para consulta e alteração

Segunda linha é código de máquina final

0.x -> x zeros seguidos. Ex. 0.5 = 00000

0.x+1 -> x zeros seguidos mais 1. Ex 0.5+1 = 000001

Marcações relacionam endereços

**Endereços**

%g0 – 00000 %lo – 10000

%l1 – 10001 %l2 – 10010

%l7 – 10111 Dados: 0x0000

Crc: 0x0001

dados: .word 4 !dado de 8bits a ser analisado

crc: .word 1 !se dados = 0, crc = 1 e paridade par

main:

**ld crc , %l0** 11(op) 1+0.4(rd) 0.6(op3) 0.5(rs1) 1(i) 0.12+1(simm13)

11 10000 000000 00000 1 0000000000001

**ld dados , %l1** 11(op) 10001(rd) 0.6(op3) 0.5(rs1) 1(i) 0.13(simm13)

11 10001 000000 00000 1 0000000000000

**add %g0, 0, %l7** 10(op) 10111(rd) 0.6(op3) 0.5(rs1) 1(i) 0.13(simm13)

10 10111 000000 00000 1 0000000000000

for:

**and %l1, 1, %l2** 10(op) 10010(rd) 010001(op3) 10001(rs1) 1(i) 0.12+1(simm13)

10 10010 010001 10001 1 0000000000001

**xor %l0, %l2, %l0** 10(op) 1+0.4(rd) 000111(op3) 1+0.5(rs1) 0(i) 0.8(unused) 10010(rs2)

10 10000 000111 100000 0 00000000 10010

**srl %l1, 1, %l1** 10(op) 10001(rd) 100110(op3) 10001(rs1) 1(i) 0.8(unused)00001(shcnt)

10 10001 100110 10001 1 00000000 00001

**add %l7, 1, %l7** 10(op) 10111(rd) 0.6(op3) 10111(rs1) 1(i) 0.12+1(simm13)

10 10111 000000 10111 1 0000000000001

**cmp %l7 , 8** 10(op) 0.6(rd) 010100(op3) 10111(rs1) 1(i) 0.9+1000(simm13)

10 000000 010100 10111 1 0000000001000

**bl for;** 00(op) 0(a) 0011(cond) 010(op2) 0.17+11000 &for(disp22)

00 0 0011 010 00000000000000000011000

**Código final**

11100000000000000010000000000001

11100010000000000010000000000000

10101110000000000010000000000000

10100100100011000110000000000001

10100000001111000000000000010010

10100011001101000110000000000001

10101110000001011110000000000001

10000000010100101111000000001000

00000110100000000000000000011000