add $t0, $t0, $t1

000000,01000,01001,01000,00000,010000

addi $t0, $t1, 100

001000,01001,01000,0000000001100100

addi $t0, $t1, -100

100001001010001111111110011100

sub $t0, $t0, $t1

000000,01000,01001,01000,00000,100010

sll $t0, $t1, 2

000000,00000,01001,01000,00010,000000

注意sll有一个特点

and $t0, $t1, $t2

000000,01001,01010,01000,00000,100100

or $t0, $t1, $t2

000000,01001,01010,01000,00000,100101

L1: add $t0, $t0, $t1

j L1

1000010010100000000100000

1000000100000000000000000000

jr $t0

1000000000000000000001000

lw $s4, 4($s3)

10001110011101000000000000000100

lw $s4, -4($s3)

10001110011101001111111111111100

sw $s0, 100($sp)

10101111101100000000000001100100

sw $s0, -100($sp)

10101111101100001111111110011100

L1: addi $t0, $t1, -100

beq $t0, $zero, L1

100001001010001111111110011100

10001000000001111111111111110

beq $t0, $zero, L1

L1: addi $t0, $t1, -100

100001001010001111111110011100

10001000000000000000000000000

L1: add $t0, $t1, $t2

addi $t1, $t1, 100

addi $t0, $t1, -100

sub $s0, $s1, $t1

beq $t0, $zero, L2

sll $a0, $a1, 2

and $t0, $t1, $t2

or $t0, $t1, $t2

j L1

L2: lw $s4, 4($s3)

sw $s0, -100($sp)

00000001001010100100000000100000

00100001001010010000000001100100

00100001001010001111111110011100

00000010001010011000000000100010

00010001000000000000000000000100

00000000000001010010000010000000

00000001001010100100000000100100

00000001001010100100000000100101

00001000000100000000000000000000

10001110011101000000000000000100

10101111101100001111111110011100