ROM

v2.0 raw

8c010010

8c020014

00621820

21290001

20630004

11210001

08000003

20040000

20070000

00852020

1027000a

20e70001

20420004

20630004

8c450000

8c660000

00a62822

00a0402a

1100fff6

00052822

08000009

ac04000c

fc000000

RAM

00000000

00000000

00000000

00000000

00000004

00000018

00000019

fffffffd

fffffffa

00000001

00000017

ffffffff

fffffffc

ffffffff

CODIGO:

.DATA

D\_000: .word 0, 0, 0

D\_001: .word 0

D\_002: .word 4

D\_003: .word 24, 25, -3, -6

.word 1, 23, -1, -4

.word -1

.TEXT

LW $1, D\_002($0)

LW $2, D\_003($0)

ADD $3, $3, $2

I\_000: ADDI $9, $9, 1

ADDI $3, $3, 4

BEQ $9, $1, I\_001

J I\_000

I\_001: ADDI $4, $0, 0

ADDI $7, $0, 0

I\_002: ADD $4, $4, $5

BEQ $1, $7, I\_003

ADDI $7, $7, 1

ADDI $2, $2, 4

ADDI $3, $3, 4

LW $5, D\_000($2)

LW $6, D\_000($3)

SUB $5, $5, $6

SLT $8, $5, $0

BEQ $8, $0, I\_002

SUB $5, $0, $5

J I\_002

I\_003: SW $4, D\_001($0)

HALT

Condicionales en mem e incondicionales en ex, adelantamiento if id ex mem wb

