

Problema 2

RunStepPrevResetDump

Machine Code	Basic Code	Original Code
0x10002b7	lui x5 65536	li t0, 0x1000000c
0x00c28293	addi x5 x5 12	li t0, 0x1000000c
0xffe00313	addi x6 x0 -2	li t1, -2
0x0062a023	sw x6 0(x5)	sw t1, 0(t0)
0x0002a583	lw x11 0(x5)	lw a1, 0(t0)

RegistersMemory

Address	+0	+1	+2	+3
0x00000018	00	00	00	00
0x00000014	00	00	00	00
0x00000010	83	a5	02	00
0x0000000c	23	a0	62	00
0x00000008	13	03	e0	ff
0x00000004	93	82	c2	00
0x00000000	b7	02	00	10
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Jump to-- choose --UpDown

console output

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0x00000008	13	03	e0	ff
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RegistersMemory

Address	+0	+1	+2	+3
0x10000024	00	00	00	00
0x10000020	00	00	00	00
0x1000001c	00	00	00	00
0x10000018	00	00	00	00
0x10000014	00	00	00	00
0x10000010	00	00	00	00
0x1000000c	fe	ff	ff	ff
0x10000008	00	00	00	00
0x10000004	00	00	00	00
0x10000000	00	00	00	00
0x0ffffffc	00	00	00	00
0x0ffffff8	00	00	00	00
0x0ffffff4	00	00	00	00

Jump to-- choose --UpDown

console output

Registers Memory				
Address	+0	+1	+2	+3
0x10000024	0	0	0	0
0x10000020	0	0	0	0
0x1000001c	0	0	0	0
0x10000018	0	0	0	0
0x10000014	0	0	0	0
0x10000010	0	0	0	0
0x1000000c	-2	-1	-1	-1
0x10000008	0	0	0	0
0x10000004	0	0	0	0
0x10000000	0	0	0	0
0x0fffffff c	0	0	0	0
0x0fffffff 8	0	0	0	0
0x0fffffff 4	0	0	0	0
Jump to -- choose --  Up Down				