

LOAC 2022.2: Roteiro 7

venus

Curso: Laboratório de Organi

Organização e Arquitetura di

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venus.kvakil.me

Editor

Simulator

Run

Step

Prev

Reset

Dump

Machine Code	Basic Code	Original Code
0x100002b7	lui x5 65536	lui x5, 0x10000
0x00c28293	addi x5 x5 12	addi x5, x5, 0x00C
0x0fe00313	addi x6 x0 254	li x6, 0xFE
0x002a023	sw x6 0(x5)	sw x6, 0(x5)
0x002a503	lw x10 0(x5)	lw x10, 0(x5)

console output

Registers

Memory

zero0x00000000

ra (x1)0x00000000

sp (x2)0x7ffffff0

gp (x3)0x10000000

tp (x4)0x00000000

t0 (x5)0x1000000c

t1 (x6)0x000000fe

t2 (x7)0x00000000

s0 (x8)0x00000000

s1 (x9)0x00000000

a0 (x10)0x000000fe

a1 (x11)0x00000000

a2 (x12)0x00000000

a3 (x13)0x00000000

a4 (x14)0x00000000

a5 (x15)0x00000000

a6 (x16)0x00000000

Display SettingsHex

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0x002a503	lw x10 0(x5)	lw x10, 0(x5)

console output

Registers

Memory

Address	+0	+1	+2	+3
0x10000018	00	00	00	00
0x10000014	00	00	00	00
0x10000010	00	00	00	00
0x1000000c	fe	00	00	00
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
0x0ffffff0	00	00	00	00
0x0fffffec	00	00	00	00
0x0fffffe8	00	00	00	00

Jump to-- choose --UpDown

Display SettingsHex