

Relatório 3

Tales Machado Prudente

Matrícula: 350

## Questão 1-)

The screenshot shows the MARS MIPS simulator interface. The main window displays the assembly code for a program with five questions. The registers window on the right shows the current state of the registers.

**Registers Window:**

Name	Number	Value
\$zero	0	0
\$at	1	0
\$v0	2	0
\$v1	3	0
\$a0	4	-130
\$a1	5	20
\$a2	6	150
\$a3	7	0
\$t0	8	2
\$t1	9	5
\$t2	10	89
\$t3	11	20
\$t4	12	-80
\$t5	13	1234
\$t6	14	70
\$t7	15	24
\$s0	16	7
\$s1	17	109
\$s2	18	1154
\$s3	19	46
\$s4	20	0
\$s5	21	0
\$s6	22	0
\$s7	23	0
\$s8	24	0
\$s9	25	0
\$k0	26	0
\$k1	27	0
\$gp	28	268468224
\$sp	29	2147479540
\$fp	30	0
\$ra	31	0
pc		4194364
hi		0
lo		0

## Questão 2-)

The screenshot shows the MARS MIPS simulator interface. The main window displays the assembly code for a program with two questions. The registers window on the right shows the current state of the registers.

**Registers Window:**

Name	Number	Value
\$zero	0	0
\$at	1	0
\$v0	2	1
\$v1	3	0
\$a0	4	50
\$a1	5	0
\$a2	6	0
\$t0	8	0
\$t1	9	0
\$t2	10	0
\$t3	11	0
\$t4	12	0
\$t5	13	0
\$t6	14	0
\$t7	15	0
\$s0	16	50
\$s1	17	0
\$s2	18	0
\$s3	19	0
\$s4	20	0
\$s5	21	0
\$s6	22	0
\$s7	23	0
\$s8	24	0
\$s9	25	0
\$k0	26	0
\$k1	27	0
\$gp	28	268468224
\$sp	29	2147479540
\$fp	30	0
\$ra	31	0
pc		4194328
hi		0
lo		0

## Questão 3-)

1  
2  
3  
4  
5  
6  
7  
8

.text

li \$v0, 1

li \$t0, 54

li \$t1, 45

add \$a0, \$t0, \$t1

syscall

4

Line: 8 Column: 8 ☒ Show Line Numbers

Mars Messages

Run IO

--  
-- program is finished running (dropped off bottom) --

Clear

Registers

Coproc 1

Coproc 0

Name	Number	Value
\$zero	0	0
\$at	1	0
\$v0	2	1
\$v1	3	0
\$a0	4	99
\$a1	5	0
\$a2	6	0
\$a3	7	0
\$t0	8	54
\$t1	9	45
\$t2	10	0
\$t3	11	0
\$t4	12	0
\$t5	13	0
\$t6	14	0
\$t7	15	0
\$s0	16	0
\$s1	17	0
\$s2	18	0
\$s3	19	0
\$s4	20	0
\$s5	21	0
\$s6	22	0
\$s7	23	0
\$t8	24	0
\$t9	25	0
\$k0	26	0
\$k1	27	0
\$gp	28	268468224
\$sp	29	2147479548
\$fp	30	0
\$ra	31	0
pc		4194324
hi		0
lo		0

Ativar o Windows  
Acesse Configurações para ativar o Windows.