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## Exercício 1:

**Text Segment**

Bkpt	Address	Code	Basic	Source
	0x00400000	lui \$t0, 1000	12: la \$t0, A	
	0x00400004	ori \$t1, 1	13: la \$t1, B	
	0x00400008	ori \$t2, 2	14: la \$t2, C	
	0x0040000c	ori \$t3, 3	15: la \$t3, D	
	0x00400010	ori \$t4, 4	16: la \$t4, E	
	0x00400014	ori \$t5, 5		
	0x00400018	ori \$t6, 6		
	0x0040001c	ori \$t7, 7		
	0x00400020	ori \$t8, 8		
	0x00400024	ori \$t9, 9		
	0x00400028	ori \$t10, 10		
	0x0040002c	ori \$t11, 11		
	0x00400030	ori \$t12, 12		
	0x00400034	ori \$t13, 13		
	0x00400038	ori \$t14, 14		
	0x0040003c	ori \$t15, 15		
	0x00400040	ori \$t16, 16		
	0x00400044	ori \$t17, 17		
	0x00400048	ori \$t18, 18		
	0x0040004c	ori \$t19, 19		
	0x00400050	ori \$t20, 20		
	0x00400054	ori \$t21, 21		
	0x00400058	ori \$t22, 22		
	0x0040005c	ori \$t23, 23		
	0x00400060	ori \$t24, 24		
	0x00400064	ori \$t25, 25		
	0x00400068	ori \$t26, 26		
	0x0040006c	ori \$t27, 27		
	0x00400070	ori \$t28, 28		
	0x00400074	ori \$t29, 29		
	0x00400078	ori \$t30, 30		
	0x0040007c	ori \$t31, 31		

**Data Segment**

Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)
0x10010000	40	5	13	50	
0x10010020	0	0	0	0	
0x10010040	0	0	0	0	
0x10010060	0	0	0	0	
0x10010080	0	0	0	0	
0x100100a0	0	0	0	0	
0x100100c0	0	0	0	0	
0x100100e0	0	0	0	0	
0x10010100	0	0	0	0	

**Registers**

Name	Number	Value
\$zero	0	0
\$at	1	268500992
\$v0	2	0
\$v1	3	0
\$a0	4	0
\$a1	5	0
\$a2	6	0
\$a3	7	0
\$t0	8	50
\$t1	9	40
\$t2	10	3
\$t3	11	10
\$t4	12	13
\$t5	13	0
\$t6	14	0
\$t7	15	0
\$s0	16	268500992
\$s1	17	268500996
\$s2	18	268501000
\$s3	19	268501004
\$s4	20	268501008
\$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	2147479548
\$fp	30	0
\$ra	31	0
pc		4194384
hi		0
lo		0

**Mars Messages**

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

## Exercício 2:

**Text Segment**

Bkpt	Address	Code	Basic	Source
	0x00400000	lui \$t0, 1000	14: la \$t0, A	
	0x00400004	ori \$t1, 1	15: la \$t1, B	
	0x00400008	ori \$t2, 2	16: la \$t2, C	
	0x0040000c	ori \$t3, 3	17: la \$t3, D	
	0x00400010	ori \$t4, 4	18: la \$t4, E	
	0x00400014	ori \$t5, 5		
	0x00400018	ori \$t6, 6		
	0x0040001c	ori \$t7, 7		
	0x00400020	ori \$t8, 8		
	0x00400024	ori \$t9, 9		
	0x00400028	ori \$t10, 10		
	0x0040002c	ori \$t11, 11		
	0x00400030	ori \$t12, 12		
	0x00400034	ori \$t13, 13		
	0x00400038	ori \$t14, 14		
	0x0040003c	ori \$t15, 15		
	0x00400040	ori \$t16, 16		
	0x00400044	ori \$t17, 17		
	0x00400048	ori \$t18, 18		
	0x0040004c	ori \$t19, 19		
	0x00400050	ori \$t20, 20		
	0x00400054	ori \$t21, 21		
	0x00400058	ori \$t22, 22		
	0x0040005c	ori \$t23, 23		
	0x00400060	ori \$t24, 24		
	0x00400064	ori \$t25, 25		
	0x00400068	ori \$t26, 26		
	0x0040006c	ori \$t27, 27		
	0x00400070	ori \$t28, 28		
	0x00400074	ori \$t29, 29		
	0x00400078	ori \$t30, 30		
	0x0040007c	ori \$t31, 31		

**Data Segment**

Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)
0x10010000	40	5	13	50	
0x10010020	1869768045	8250	0	0	
0x10010040	0	0	0	0	
0x10010060	0	0	0	0	
0x10010080	0	0	0	0	
0x100100a0	0	0	0	0	
0x100100c0	0	0	0	0	
0x100100e0	0	0	0	0	
0x10010100	0	0	0	0	

**Registers**

Name	Number	Value
\$zero	0	0
\$at	1	268500992
\$v0	2	5
\$v1	3	0
\$a0	4	268501012
\$a1	5	0
\$a2	6	0
\$a3	7	0
\$t0	8	50
\$t1	9	40
\$t2	10	3
\$t3	11	10
\$t4	12	13
\$t5	13	0
\$t6	14	0
\$t7	15	0
\$s0	16	268500992
\$s1	17	268500996
\$s2	18	268501000
\$s3	19	268501004
\$s4	20	268501008
\$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	2147479548
\$fp	30	0
\$ra	31	0
pc		4194412
hi		0
lo		0

**Mars Messages**

Clear Digite um numero: 5 -- program is finished running (dropped off bottom) --