



ORGANIZAÇÃO DE COMPUTADORES I

06/04/2023

Relatório da Atividade 1

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Exercício 1

Registradores

Pré-execução

Registers	Coproc 1	Coproc 0	
Name	Number	Value	
\$zero	0		0
\$at	1		0
\$v0	2		0
\$v1	3		0
\$a0	4		0
\$a1	5		0
\$a2	6		0
\$a3	7		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		0
\$s1	17		0
\$s2	18		0
\$s3	19		0
\$s4	20		0

Pós-execução

Registers	Coproc 1	Coproc 0
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	268500992
\$t1	9	268500996
\$t2	10	268501000
\$t3	11	268501004
\$t4	12	268501008
\$t5	13	0
\$t6	14	0
\$t7	15	0
\$s0	16	42
\$s1	17	7
\$s2	18	-8
\$s3	19	11
\$s4	20	23

Data Segment

Pré-execução

Data Segment										
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)		
0x10010000	0	7	0	11	23	0	0	0		
0x10010020	0	0	0	0	0	0	0	0		
0x10010040	0	0	0	0	0	0	0	0		
0x10010060	0	0	0	0	0	0	0	0		
0x10010080	0	0	0	0	0	0	0	0		
0x100100a0	0	0	0	0	0	0	0	0		
0x100100c0	0	0	0	0	0	0	0	0		
0x100100e0	0	0	0	0	0	0	0	0		
0x10010100	0	0	0	0	0	0	0	0		
0x10010120	0	0	0	0	0	0	0	0		
0x10010140	0	0	0	0	0	0	0	0		
0x10010160	0	0	0	0	0	0	0	0		
0x10010180	0	0	0	0	0	0	0	0		
0x100101a0	0	0	0	0	0	0	0	0		
0x100101c0	0	0	0	0	0	0	0	0		

◀
▶
0x10010000 (.data)
☒ Hexadecimal Addresses
 ☐ Hexadecimal Values
 ☐ ASCII

Pós-execução

Data Segment									
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)	
0x10010000	0	7	-8	11	23	0	0	0	
0x10010020	0	0	0	0	0	0	0	0	
0x10010040	0	0	0	0	0	0	0	0	
0x10010060	0	0	0	0	0	0	0	0	
0x10010080	0	0	0	0	0	0	0	0	
0x100100a0	0	0	0	0	0	0	0	0	
0x100100c0	0	0	0	0	0	0	0	0	
0x100100e0	0	0	0	0	0	0	0	0	
0x10010100	0	0	0	0	0	0	0	0	
0x10010120	0	0	0	0	0	0	0	0	
0x10010140	0	0	0	0	0	0	0	0	
0x10010160	0	0	0	0	0	0	0	0	
0x10010180	0	0	0	0	0	0	0	0	
0x100101a0	0	0	0	0	0	0	0	0	
0x100101c0	0	0	0	0	0	0	0	0	

0x10010000 (.data)
☒ Hexadecimal Addresses
 ☐ Hexadecimal Values
 ☐ ASCII

Exercício 2

Registradores

Pré-execução

Registers	Coproc 1	Coproc 0
Name	Number	Value
\$zero	0	0
\$at	1	0
\$v0	2	0
\$v1	3	0
\$a0	4	0
\$a1	5	0
\$a2	6	0
\$a3	7	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	0
\$s1	17	0
\$s2	18	0
\$s3	19	0
\$s4	20	0

Pós-execução

Registers	Coproc 1	Coproc 0
Name	Number	Value
\$zero	0	0
\$at	1	268500992
\$v0	2	11
\$v1	3	0
\$a0	4	268501008
\$a1	5	0
\$a2	6	0
\$a3	7	0
\$t0	8	268500992
\$t1	9	0
\$t2	10	268500996
\$t3	11	268501000
\$t4	12	268501004
\$t5	13	0
\$t6	14	0
\$t7	15	0
\$s0	16	46
\$s1	17	11
\$s2	18	-16
\$s3	19	23
\$s4	20	7

Data Segment

Pré-execução

Data Segment									
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)	
0x10010000	0	0	23	7	1769172553	1864393074	1818326560	1679848047	
0x10010020	1635131489	1986095474	1646292069	2618	0	0	0	0	
0x10010040	0	0	0	0	0	0	0	0	
0x10010060	0	0	0	0	0	0	0	0	
0x10010080	0	0	0	0	0	0	0	0	
0x100100a0	0	0	0	0	0	0	0	0	
0x100100c0	0	0	0	0	0	0	0	0	
0x100100e0	0	0	0	0	0	0	0	0	
0x10010100	0	0	0	0	0	0	0	0	
0x10010120	0	0	0	0	0	0	0	0	
0x10010140	0	0	0	0	0	0	0	0	
0x10010160	0	0	0	0	0	0	0	0	
0x10010180	0	0	0	0	0	0	0	0	
0x100101a0	0	0	0	0	0	0	0	0	
0x100101c0	0	0	0	0	0	0	0	0	

Pós-execução

Data Segment									
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)	
0x10010000	0	-16	23	7	1769172553	1864393074	1818326560	1679848047	
0x10010020	1635131489	1986095474	1646292069	2618	0	0	0	0	
0x10010040	0	0	0	0	0	0	0	0	
0x10010060	0	0	0	0	0	0	0	0	
0x10010080	0	0	0	0	0	0	0	0	
0x100100a0	0	0	0	0	0	0	0	0	
0x100100c0	0	0	0	0	0	0	0	0	
0x100100e0	0	0	0	0	0	0	0	0	
0x10010100	0	0	0	0	0	0	0	0	
0x10010120	0	0	0	0	0	0	0	0	
0x10010140	0	0	0	0	0	0	0	0	
0x10010160	0	0	0	0	0	0	0	0	
0x10010180	0	0	0	0	0	0	0	0	
0x100101a0	0	0	0	0	0	0	0	0	
0x100101c0	0	0	0	0	0	0	0	0	

User input

Mars Messages

Run I/O

Insira o valor da variavel b:

→

Mars Messages

Run I/O

Insira o valor da variavel b:
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