

Register Panel Hex

/home/sytasch/Desktop/CS10_HW/Lab_4/selahlitinSytasFoothillLab4.asm - MARS 4.5

File Edit Run Settings Tools Help

Run speed at max (no interaction)

Edit Execute

Text Segment

Bkpt	Address	Code	Basic	Source
	0x00400000	0x3c011001	lui \$1, 0x00001001	25: la \$a0, familyName # Load the i
	0x00400004	0x34240000	ori \$4, \$1, 0x00000000	
	0x00400008	0x24020004	addiu \$2, \$0, 0x00000004	26: li \$v0, 4 # 4 is the f
	0x0040000c	0x0000000c	syscall	27: syscall # syscall p
	0x00400010	0x3c011001	lui \$1, 0x00001001	29: la \$a0, studentId # Load the i
	0x00400014	0x34240017	ori \$4, \$1, 0x00000017	
	0x00400018	0x24020004	addiu \$2, \$0, 0x00000004	30: li \$v0, 4 # 4 is the f
	0x0040001c	0x0000000c	syscall	31: syscall # syscall p
	0x00400020	0x3c011001	lui \$1, 0x00001001	33: la \$a0, prompt # Load the i
	0x00400024	0x3424002f	ori \$4, \$1, 0x0000002f	

Data Segment

Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)
0x10010000	0x696d6146	0x6e20796c	0x09656d61	0x53203a09	0x61747961	0x5300a73
0x10010020	0x3a090944	0x33303220	0x33333337	0x5000a35	0x7361656c	0x6e652065
0x10010040	0x756c6176	0x203a0965	0x00000000	0x00000000	0x00000000	0x00000000
0x10010060	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000
0x10010080	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000
0x100100a0	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000
0x100100c0	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000
0x100100e0	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000

Mars Messages Run I/O

Family name : Sytas
Student ID : 20373335
Please enter top value : 12
36
-- program is finished running --

Clear

Registers Coproc 1 Coproc 0

Name	Number	Value
\$zero	0	0x00000000
\$at	1	0x00000001
\$v0	2	0x0000000a
\$v1	3	0x00000000
\$a0	4	0x00000024
\$a1	5	0x00000000
\$a2	6	0x00000000
\$a3	7	0x00000000
\$t0	8	0x0000000c
\$t1	9	0x0000000d
\$t2	10	0x00000000
\$t3	11	0x00000000
\$t4	12	0x00000000
\$t5	13	0x00000000
\$t6	14	0x00000000
\$t7	15	0x00000000
\$s0	16	0x00000000
\$s1	17	0x00000000
\$s2	18	0x00000000
\$s3	19	0x00000000
\$s4	20	0x00000000
\$s5	21	0x00000000
\$s6	22	0x00000000
\$s7	23	0x00000000
\$t8	24	0x00000000
\$t9	25	0x00000000
\$k0	26	0x00000000
\$k1	27	0x00000000
\$gp	28	0x10008000
\$sp	29	0x7fffffc0
\$fp	30	0x00000000
\$ra	31	0x00000000
pc		0x0040006c
hi		0x00000000
lo		0x00000000

Register Panel ASCII

/home/sytasch/Desktop/CS10_HW/Lab_4/selahlitinSytasFoothillLab4.asm - MARS 4.5

File Edit Run Settings Tools Help

Run speed at max (no interaction)

Edit Execute

Text Segment

Bkpt	Address	Code	Basic	Source
	0x00400000	0x3c011001	lui \$1, 0x4097	25: la \$a0, familyName # Load the i
	0x00400004	0x34240000	ori \$4, \$1, 0	
	0x00400008	0x24020004	addiu \$2, \$0, 4	26: li \$v0, 4 # 4 is the f
	0x0040000c	0x0000000c	syscall	27: syscall # syscall p
	0x00400010	0x3c011001	lui \$1, 0x4097	29: la \$a0, studentId # Load the i
	0x00400014	0x34240017	ori \$4, \$1, 0x1, 23	
	0x00400018	0x24020004	addiu \$2, \$0, 4	30: li \$v0, 4 # 4 is the f
	0x0040001c	0x0000000c	syscall	31: syscall # syscall p
	0x00400020	0x3c011001	lui \$1, 0x4097	33: la \$a0, prompt # Load the i
	0x00400024	0x3424002f	ori \$4, \$1, 0x1, 47	

Data Segment

Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)
0x10010000	1768776006	1847621996	157642081	1394620937	1635023201	1392511603
0x10010020	973670724	858796576	858993463	1342179893	1935762796	1852121189
0x10010040	1970037110	540674405	0	0	0	0
0x10010060	0	0	0	0	0	0
0x10010080	0	0	0	0	0	0
0x100100a0	0	0	0	0	0	0
0x100100c0	0	0	0	0	0	0
0x100100e0	0	0	0	0	0	0

Mars Messages Run I/O

Family name : Sytas
Student ID : 20373335
Please enter top value : 12
36
-- program is finished running --

Clear

Registers Coproc 1 Coproc 0

Name	Number	Value
\$zero	0	0
\$at	1	1
\$v0	2	10
\$v1	3	0
\$a0	4	36
\$a1	5	0
\$a2	6	0
\$a3	7	0
\$t0	8	12
\$t1	9	13
\$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		4194412
hi		0
lo		0