

File Edit Run Settings Tools Help



Run speed at max (no interaction)

Edit Execute

1_4_22_PMT.asm

```
1 .data
2 x: .word 0x01020304
3 message: .asciiz "PhamMinhThong_20205029"
4 .text
5     la $a0, message
6     li $v0, 4
7     syscall
8
9     addi $t1,$zero,2
10    addi $t2,$zero,3
11    add $t0, $t1, $t2
```

Line: 11 Column: 19 ☒ Show Line Numbers

Mars Messages

Run I/O

Clear

PhamMinhThong_20205029
-- program is finished running (dropped off bottom) --

Registers

Coproc 1

Coproc 0

Name	Number	Value
\$zero	0	0x00000000
\$at	1	0x10010000
\$v0	2	0x00000004
\$v1	3	0x00000000
\$a0	4	0x10010004
\$a1	5	0x00000000
\$a2	6	0x00000000
\$a3	7	0x00000000
\$t0	8	0x00000005
\$t1	9	0x00000002
\$t2	10	0x00000003
\$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	0x7fffffc
\$fp	30	0x00000000
\$ra	31	0x00000000
pc		0x0040001c
hi		0x00000000
lo		0x00000000

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Edit Execute

Text Segment

Bkpt	Address	Code	Basic	Source
<input type="checkbox"/>	0x00400000	0x3c011001	lui \$1,0x00001001	5: la \$a0, message
<input type="checkbox"/>	0x00400004	0x34240004	ori \$4,\$1,0x00000004	
<input type="checkbox"/>	0x00400008	0x24020004	addiu \$2,\$0,0x00000004	6: li \$v0, 4
<input type="checkbox"/>	0x0040000c	0x0000000c	syscall	7: syscall
<input type="checkbox"/>	0x00400010	0x20090002	addi \$9,\$0,0x00000002	9: addi \$t1,\$zero,2
<input type="checkbox"/>	0x00400014	0x200a0003	addi \$10,\$0,0x00000003	10: addi \$t2,\$zero,3
<input type="checkbox"/>	0x00400018	0x012a4020	add \$8,\$9,\$10	11: add \$t0, \$t1, \$t2

Data Segment

Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+22)
0x10010000	0x01020304	0x6d616850	0x686e694d	0x6e6f6854	0x30325f67	0x30353032	0x00003932	
0x10010020	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	
0x10010040	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	
0x10010060	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	
0x10010080	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	
0x100100a0	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	
0x100100c0	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	
0x100100e0	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	0x00000000	

0x10010000 (.data) Hexadecimal Addresses Hexadecimal Values ASCII

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\$s1	17	0x00000000
\$s2	18	0x00000000
\$s3	19	0x00000000
\$s4	20	0x00000000
\$s5	21	0x00000000
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lo		0x00000000