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1 "C:\Users\Daru\AppData\Local\Programs\Eclipse
  Adoptium\jdk-17.0.1.12-hotspot\bin\java.exe" "-
  javaagent:C:\Program Files\JetBrains\IntelliJ IDEA
  Community Edition 2021.3.2\lib\idea_rt.jar=52296:C:\
  Program Files\JetBrains\IntelliJ IDEA Community
  Edition 2021.3.2\bin" -Dfile.encoding=UTF-8 -
  classpath "C:\Users\Daru\Documents\IntelliJ\CPE 315 (
  Computer Architecture)\lab03\out\production\lab03"
  lab3 sum_10.asm sum_10.script - -
2 mips> c
3           Simulator reset
4 mips> d
5
6  pc = 0
7 $0  = 0          $v0 = 0          $v1 = 0          $a0 = 0
8 $a1 = 0          $a2 = 0          $a3 = 0          $t0 = 0
9 $t1 = 0          $t2 = 0          $t3 = 0          $t4 = 0
10 $t5 = 0         $t6 = 0          $t7 = 0          $s0 = 0
11 $s1 = 0         $s2 = 0          $s3 = 0          $s4 = 0
12 $s5 = 0         $s6 = 0          $s7 = 0          $t8 = 0
13 $t9 = 0         $sp = 0          $ra = 0
14
15 mips> s
16           1 instruction(s) executed
17 mips> d
18
19  pc = 1
20 $0  = 0          $v0 = 0          $v1 = 0          $a0 = 10
21 $a1 = 0          $a2 = 0          $a3 = 0          $t0 = 0
22 $t1 = 0          $t2 = 0          $t3 = 0          $t4 = 0
23 $t5 = 0          $t6 = 0          $t7 = 0          $s0 = 0

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24 $s1 = 0          $s2 = 0          $s3 = 0          $s4 = 0

25 $s5 = 0          $s6 = 0          $s7 = 0          $t8 = 0

26 $t9 = 0          $sp = 0          $ra = 0
27
28 mips> s 5
29          5 instruction(s) executed
30 mips> d
31
32 pc = 2
33 $0  = 0          $v0 = 0          $v1 = 0          $a0 = 9

34 $a1 = 0          $a2 = 0          $a3 = 0          $t0 = 0

35 $t1 = 0          $t2 = 0          $t3 = 0          $t4 = 0

36 $t5 = 0          $t6 = 0          $t7 = 0          $s0 = 19

37 $s1 = 0          $s2 = 0          $s3 = 0          $s4 = 0

38 $s5 = 0          $s6 = 0          $s7 = 0          $t8 = 0

39 $t9 = 0          $sp = 0          $ra = 0
40
41 mips> r
42 mips> d
43
44 pc = 5
45 $0  = 0          $v0 = 0          $v1 = 0          $a0 = 0

46 $a1 = 0          $a2 = 0          $a3 = 0          $t0 = 0

47 $t1 = 0          $t2 = 0          $t3 = 0          $t4 = 0

48 $t5 = 0          $t6 = 0          $t7 = 0          $s0 = 55

49 $s1 = 0          $s2 = 0          $s3 = 0          $s4 = 0

50 $s5 = 0          $s6 = 0          $s7 = 0          $t8 = 0
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51 $t9 = 0          $sp = 0          $ra = 0
52
53 mips> h
54
55 h = show help
56 d = dump register state
57 s = single step through the program (i.e. execute 1
    instruction and stop)
58 s num = step through num instructions of the program
59 r = run until the program ends
60 m num1 num2 = display data memory from location num1
    to num2
61 c = clear all registers, memory, and the program
    counter to 0
62 q = exit the program
63
64 mips> q
65
66 Process finished with exit code 0
67
```