Lab 3

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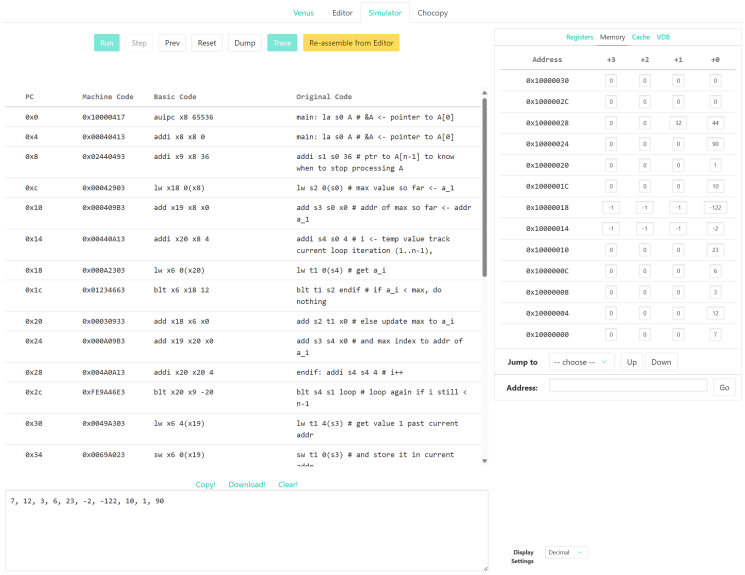
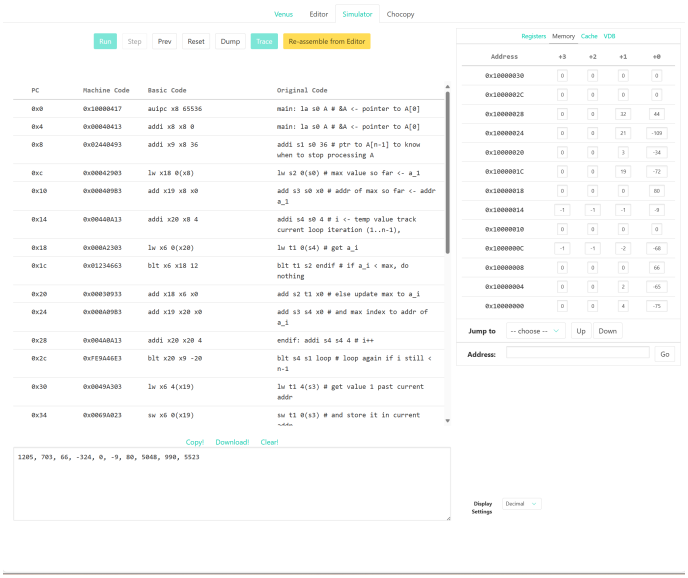
Task 1

Screenshot of run w/ `A=(7,12,3,6,23,90,-2,-122,10,1)` :

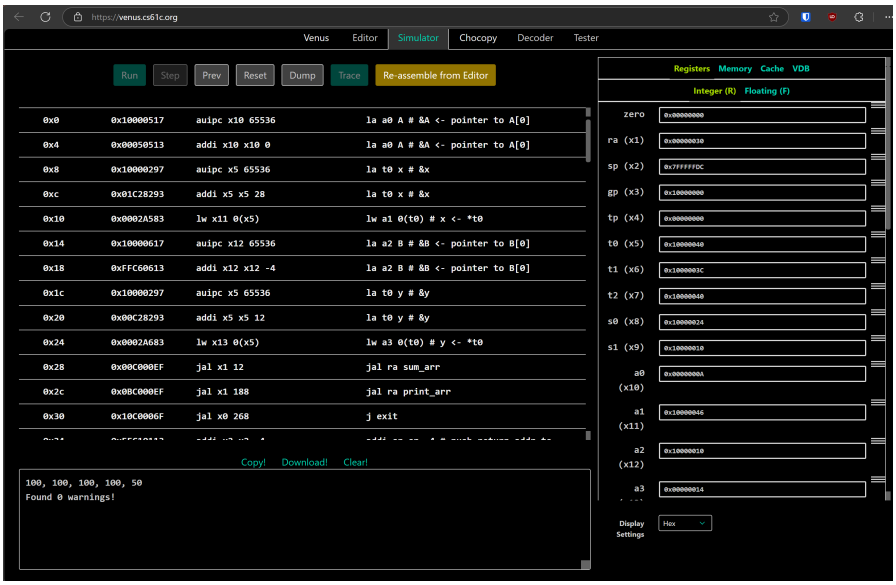


Screenshot of run w/ `A=(1205,5523,703,66,-324,0,-9,80,5048,990)` :

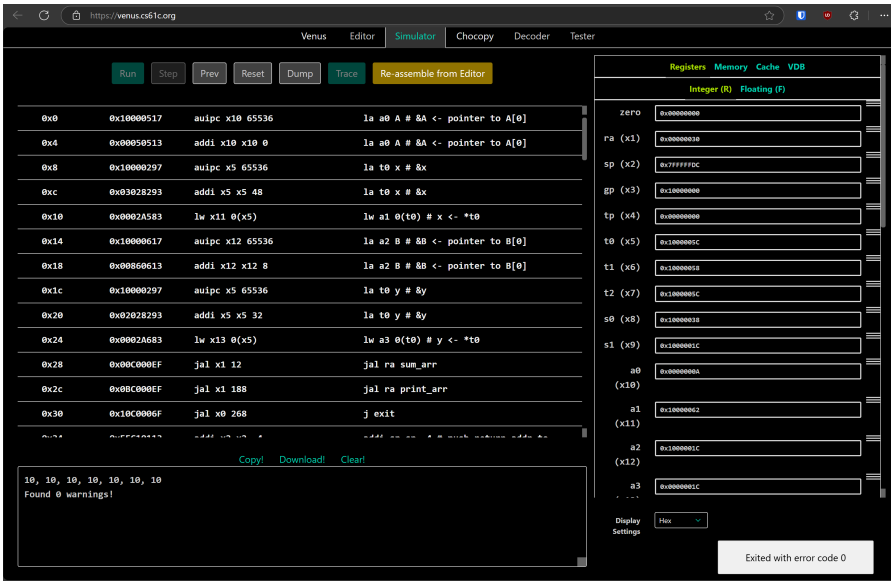


Task 2

Screenshot of run w/ `A=(10,20,30,40), B=(90,80,70,60,50)` :



Screenshot of run w/ `A=(3,2,1,0,1,2,3), B=(7,8,9,10,9,8,7)` :


https://venus.cs61c.org
Venus
Editor
Simulator
Chocopy
Decoder
Tester
Run
Step
Prev
Reset
Dump
Trace
Re-assemble from Editor
0x0 0x10000517 auipc x10 65536 la a0 A # &A <- pointer to A[0]
0x4 0x00050513 addi x10 x10 0 la a0 A # &A <- pointer to A[0]
0x8 0x10000297 auipc x5 65536 la t0 x # &x
0xc 0x03028293 addi x5 x5 48 la t0 x # &x
0x10 0x0002A583 lw x11 0(x5) lw a1 0(t0) # x <- *t0
0x14 0x10000617 auipc x12 65536 la a2 B # &B <- pointer to B[0]
0x18 0x00860613 addi x12 x12 8 la a2 B # &B <- pointer to B[0]
0x1c 0x10000297 auipc x5 65536 la t0 y # &y
0x20 0x02028293 addi x5 x5 32 la t0 y # &y
0x24 0x0002A683 lw x13 0(x5) lw a3 0(t0) # y <- *t0
0x28 0x00C000EF jal x1 12 jal ra sum_arr
0x2c 0x0BC000EF jal x1 188 jal ra print_arr
0x30 0x10C0006F jal x0 268 j exit
Copy!
Download!
Clear!
10, 10, 10, 10, 10, 10, 10
Found 0 warnings!
Registers
Memory
Cache
VDB
Integer (R)
Floating (F)
zero 0x00000000
ra (x1) 0x00000030
sp (x2) 0x7FFFFFDC
gp (x3) 0x10000000
tp (x4) 0x00000000
t0 (x5) 0x1000005C
t1 (x6) 0x10000058
t2 (x7) 0x1000005C
s0 (x8) 0x10000038
s1 (x9) 0x1000001C
a0 (x10) 0x0000000A
a1 (x11) 0x10000062
a2 (x12) 0x1000001C
a3 0x0000001C
Display Settings
Hex
Exited with error code 0