CS 315-01 Lab RISC-V Machine Code

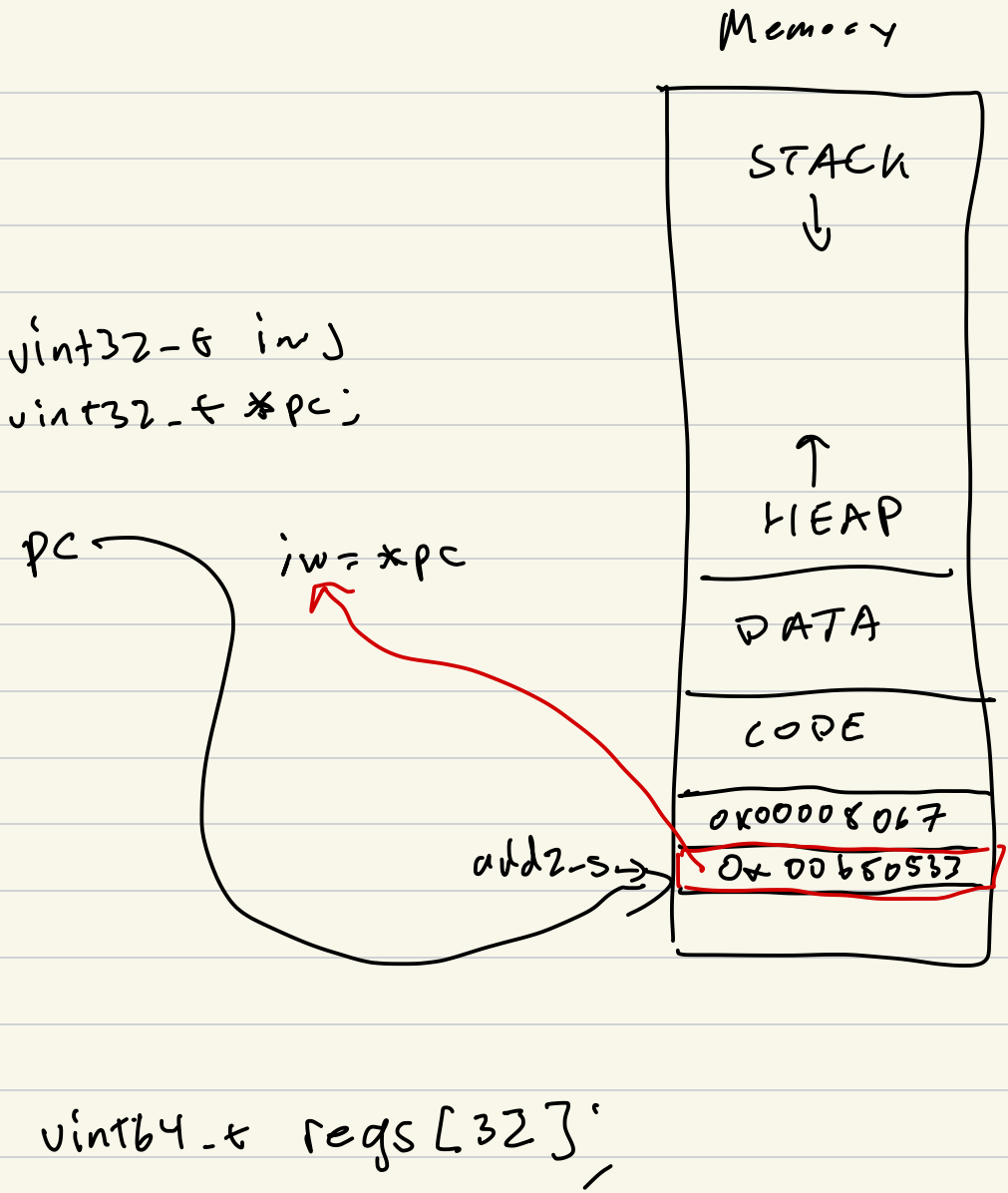
Lab 03 Tue Oct 3
Project 04 Tue Oct 10
16 Wed Oct 11
Midterm Thu Oct 12

Machine Code ← Binary form of Assembly

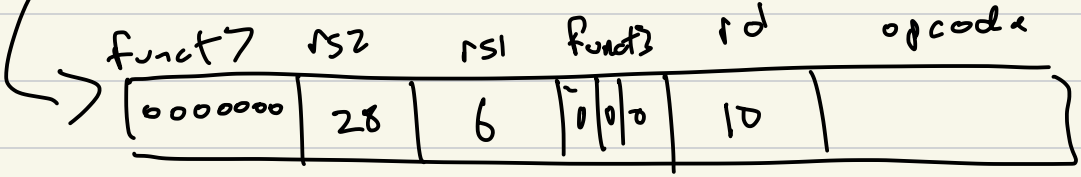
RISC-V Emulator lab03 ⇒ project 04

Dynamic analysis — project 04

Cache Simulation — project 04


Memory
STACK
HEAP
DATA
CODE
0x00008067
0x00b50533
uint32_t inj
uint32_t *pc;
pc
iw = *pc
add2_s
uint64_t regs[32];

add a0, t1, t3



0x00B50533

0000 0000 1011 0101 0000 0101 0011 0011

Mask

0000 . . . . . 0000 0111 1111