hw2.

2.10 2.12 2.14 2.16 2.19 2.23

2.10: addi $t0, $t0 S6, 4
       add $t1, $S6, $0   c code A[1]=A
       Sw $t1, 0($t0)   ⟹   f = A + A.
       lw $t0, 0($t0)
       add $S0, $t1, $t0.

2.12. $t0 suppose to be 0X150000000.
2.12.1 there's no result in $t0, since there's overflow.
2.12.2 overflow.
2.12.3 $t0 = b0000000.
2.12.4 desired number.
2.12.5 $t0 suppose to be 1d0000000, but there's no result since there's an overflow
2.12.6 overflow.

2.14   0000 0010 0001 0000 1000 0000 0010 0000.
       opcode source source dest
                RS   rt   rd

    R-type instruction
    add $S0, $S0, $S0.

2.16. R-type.
       sub $V1, $V1, $V0

2.19
  2.19.1 $t2 = 0X12345678 0X.BABEFEFA
  2.19.2 $t2 = 0XAAAAAA9F 0XAAAAAAA0
  2.19.3 $t2 = 0X15565544 0X00005545

2.23. $t2 = 3