CS 315-01 Lab Processor Design Data Memory Debugging

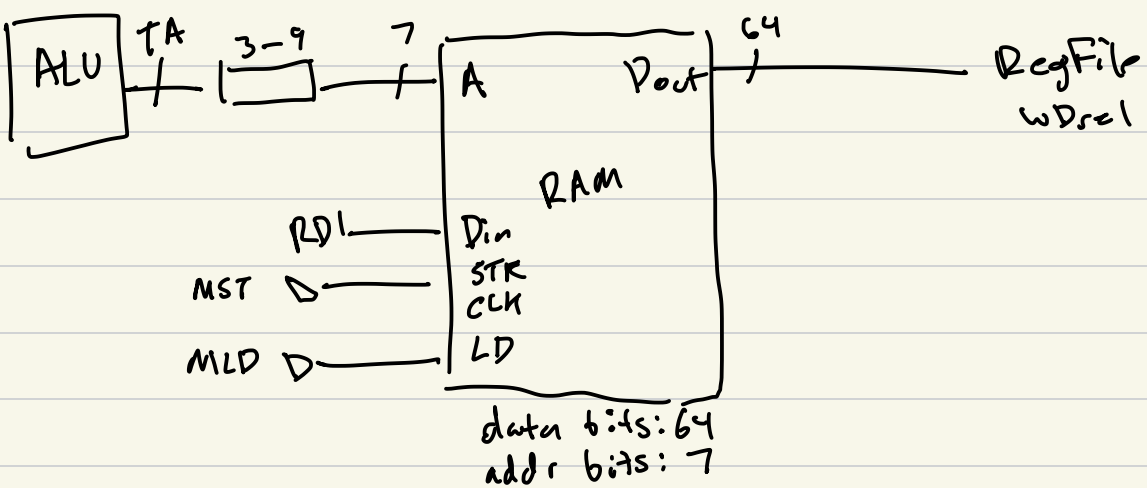
Data Memory ld/sd lw/sw
Adding a test
ASCII instruction component

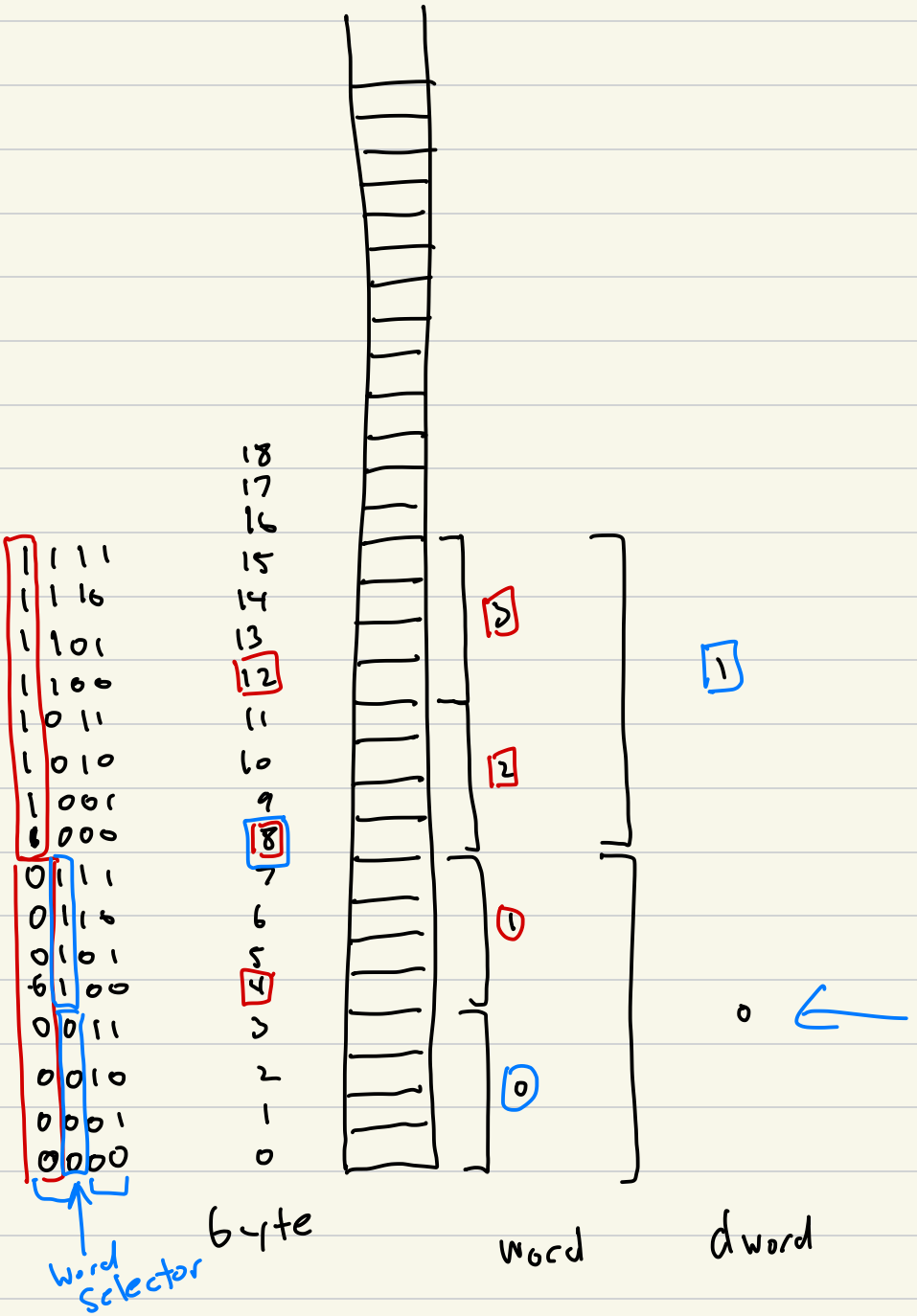
Data Memory

ld /sd

ld t0, 16(sp)
off + base

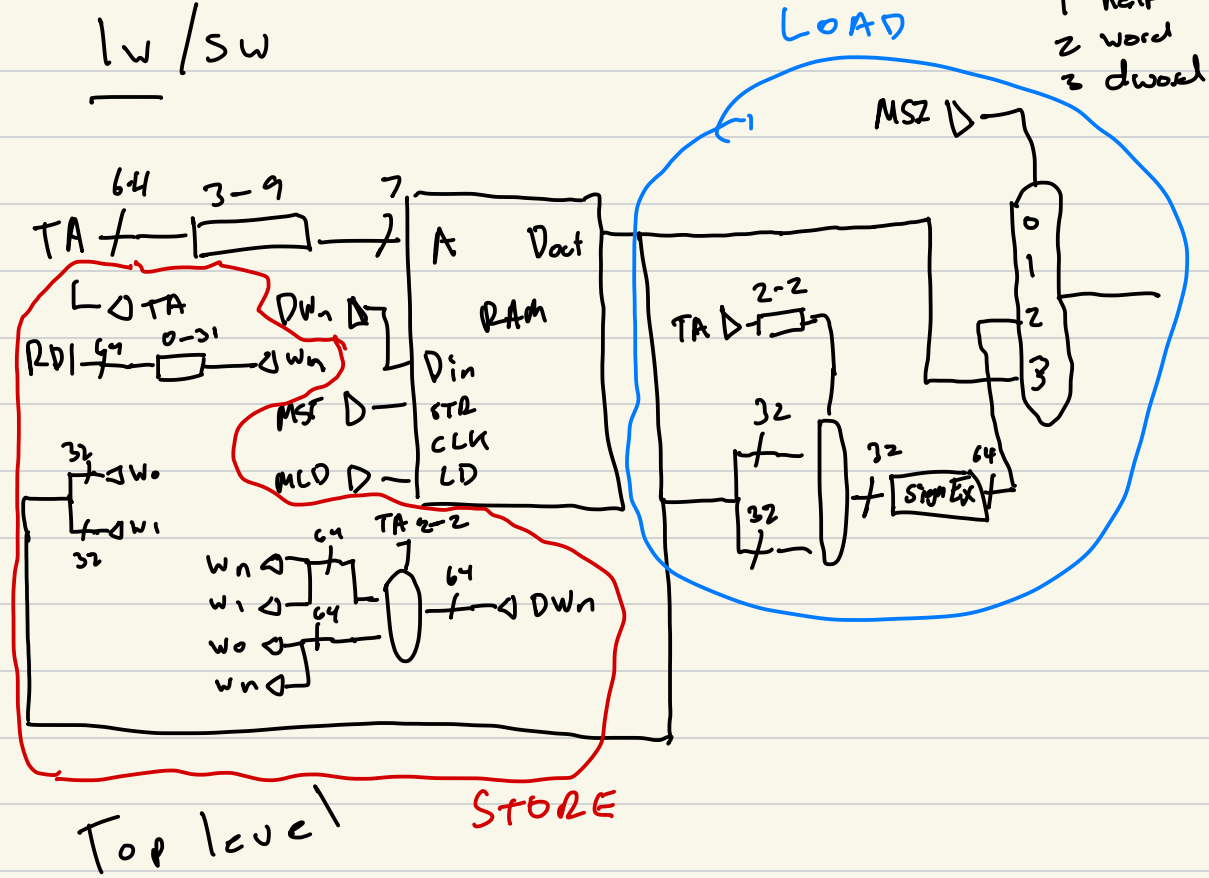
sd t0, 16(sp)



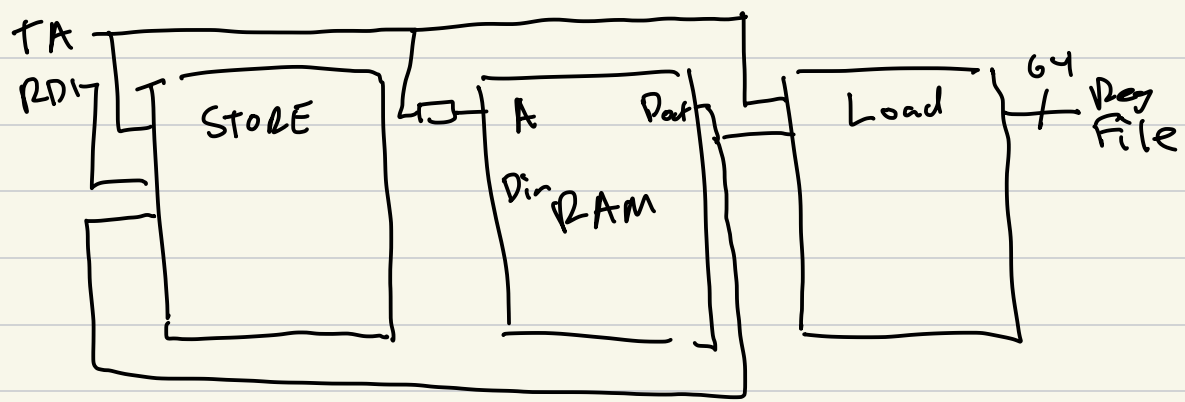

18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
1111
1110
1101
1100
1011
1010
1001
1000
0111
0110
0101
0100
0011
0010
0001
0000
3
2
1
0
1
0
byte
word
dword
word selector

lw / sw

0 byte
1 half
2 word
3 dword



Top level



Tests

Foo.s