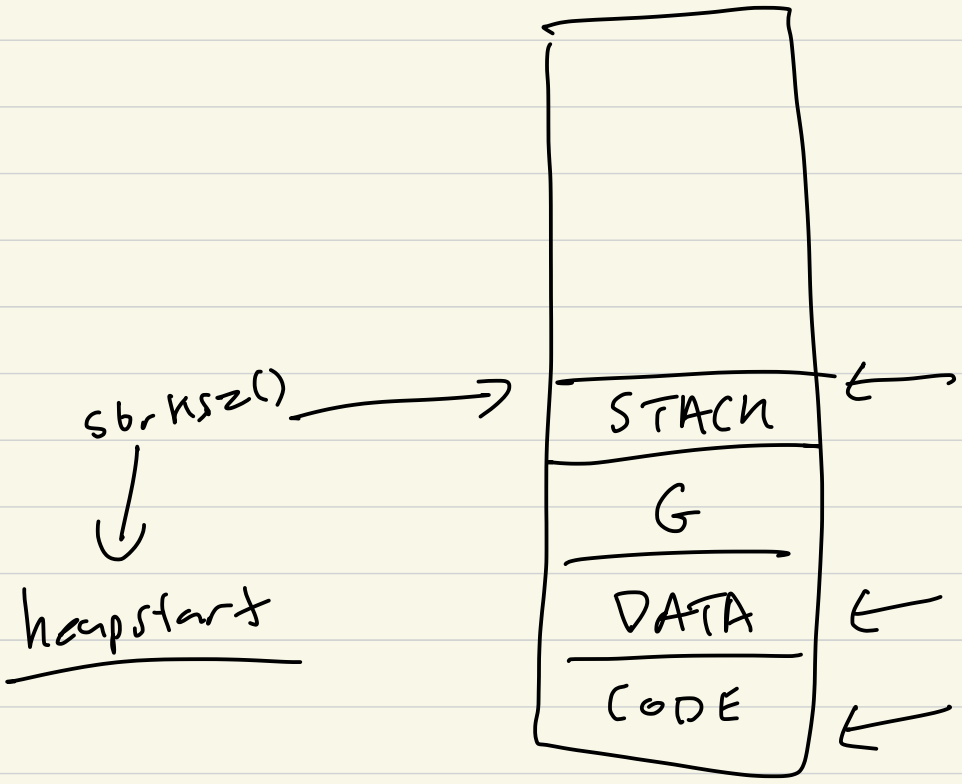
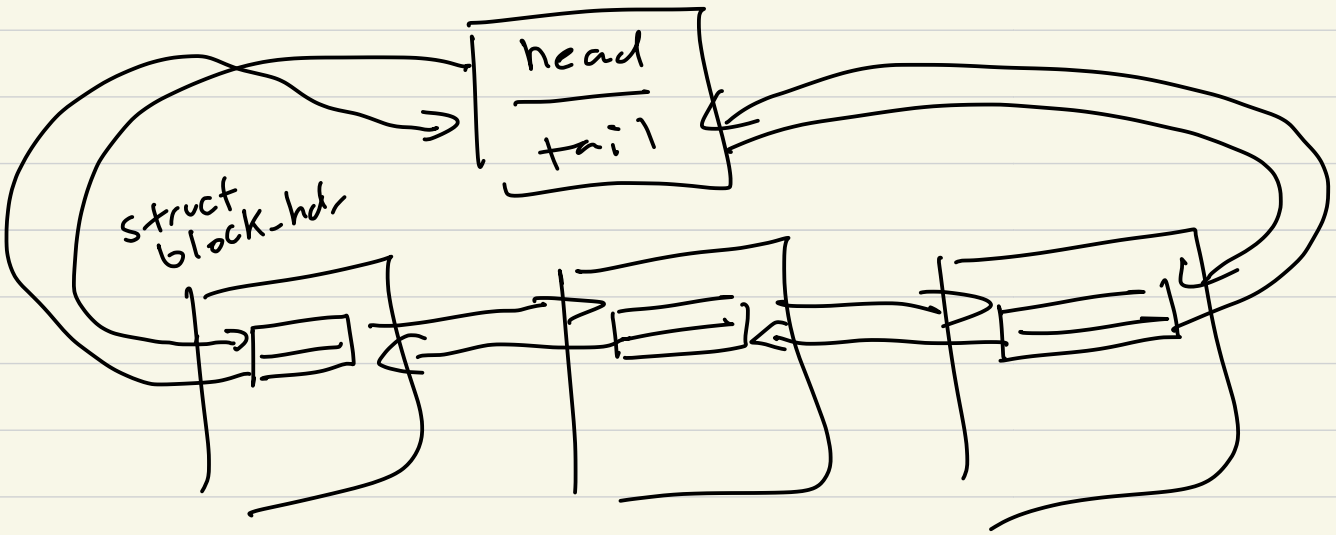
CS 326-01 Project01 Overview

umalloc.c given

memtest.c given test harness

heapstart.c





---

memtest

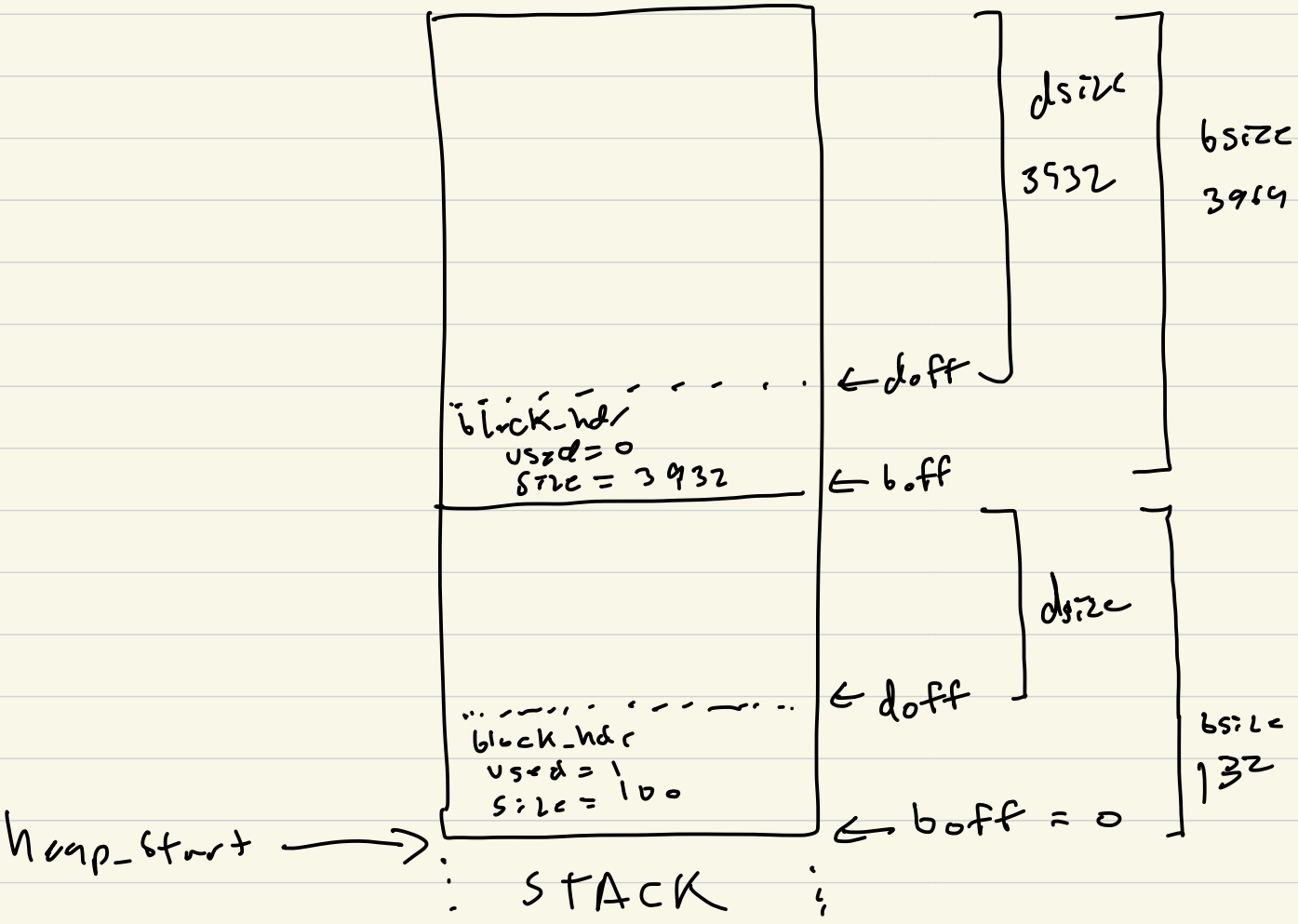
(m) alloc index size name P= malloc_name(size, name)

(f) ree index

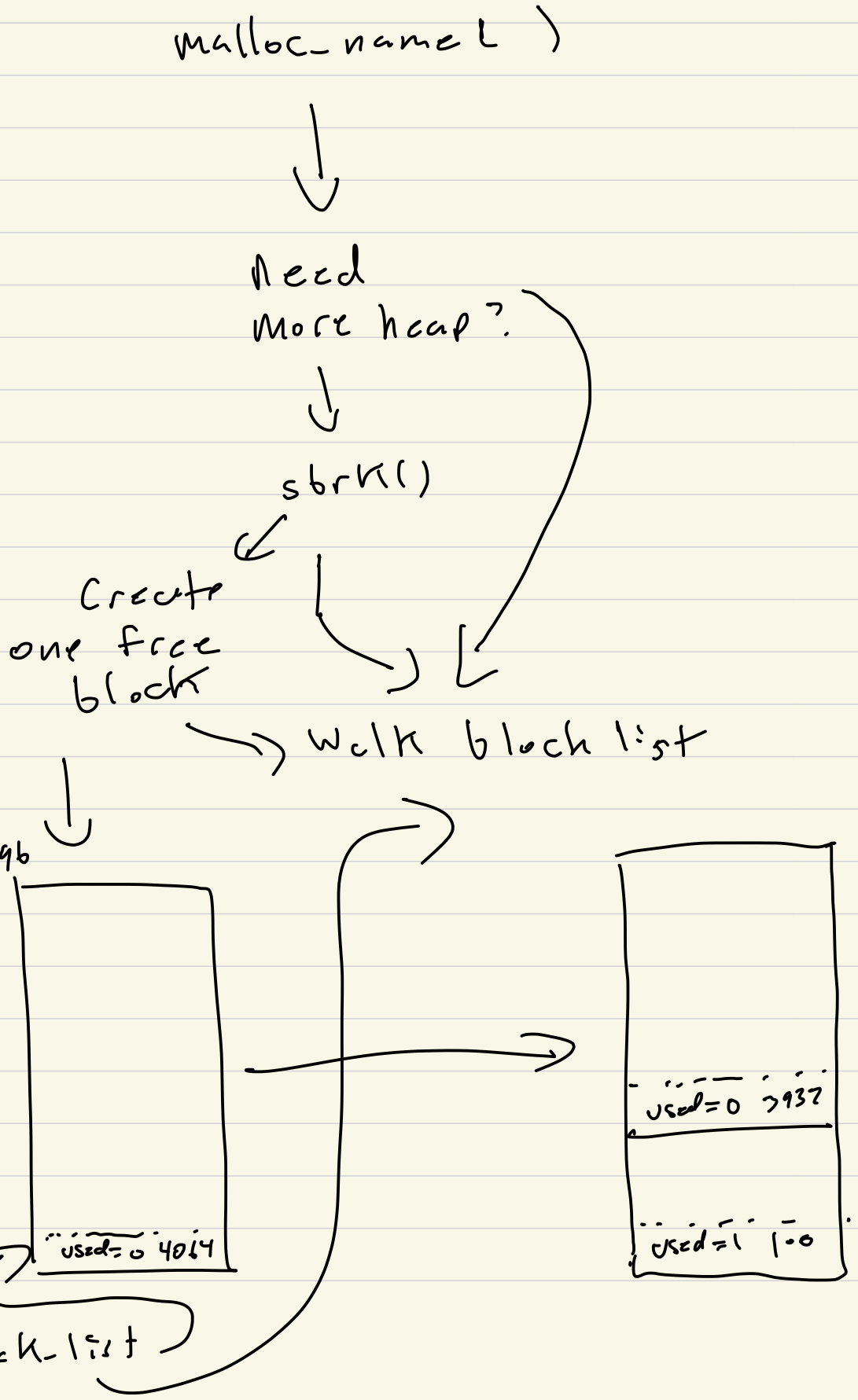
(p) rint

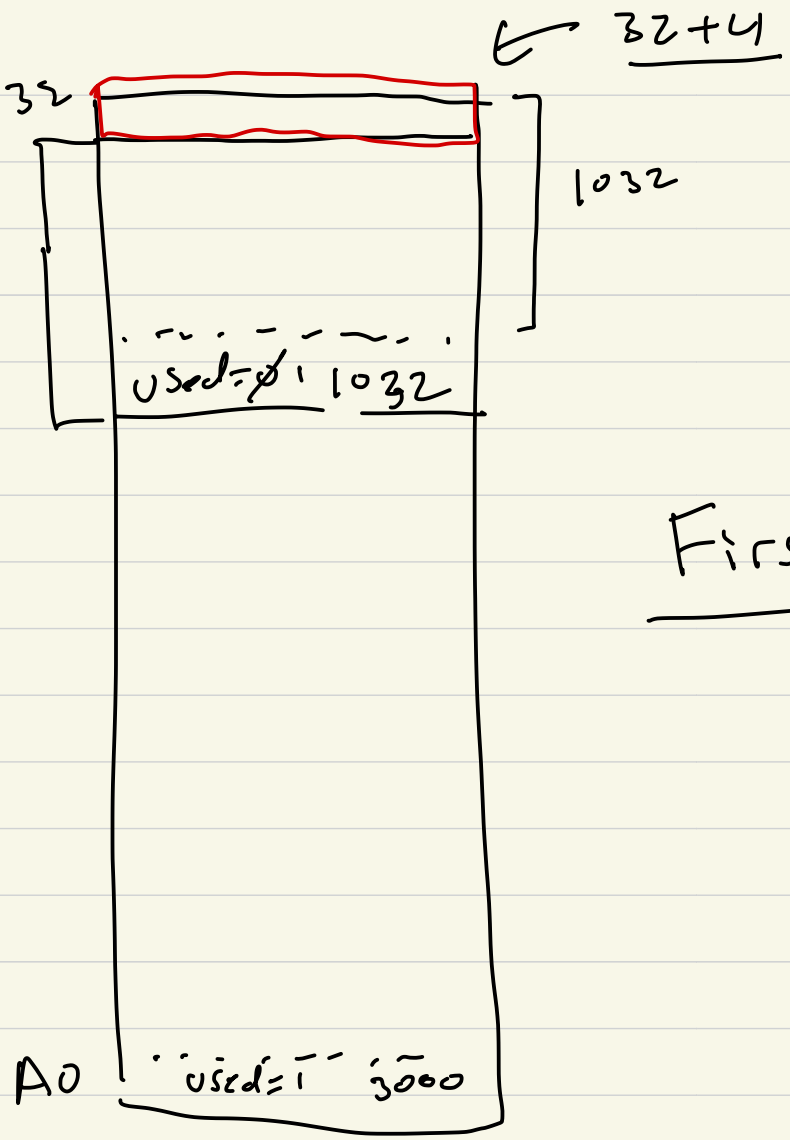
(s) ummary

(c) heck size

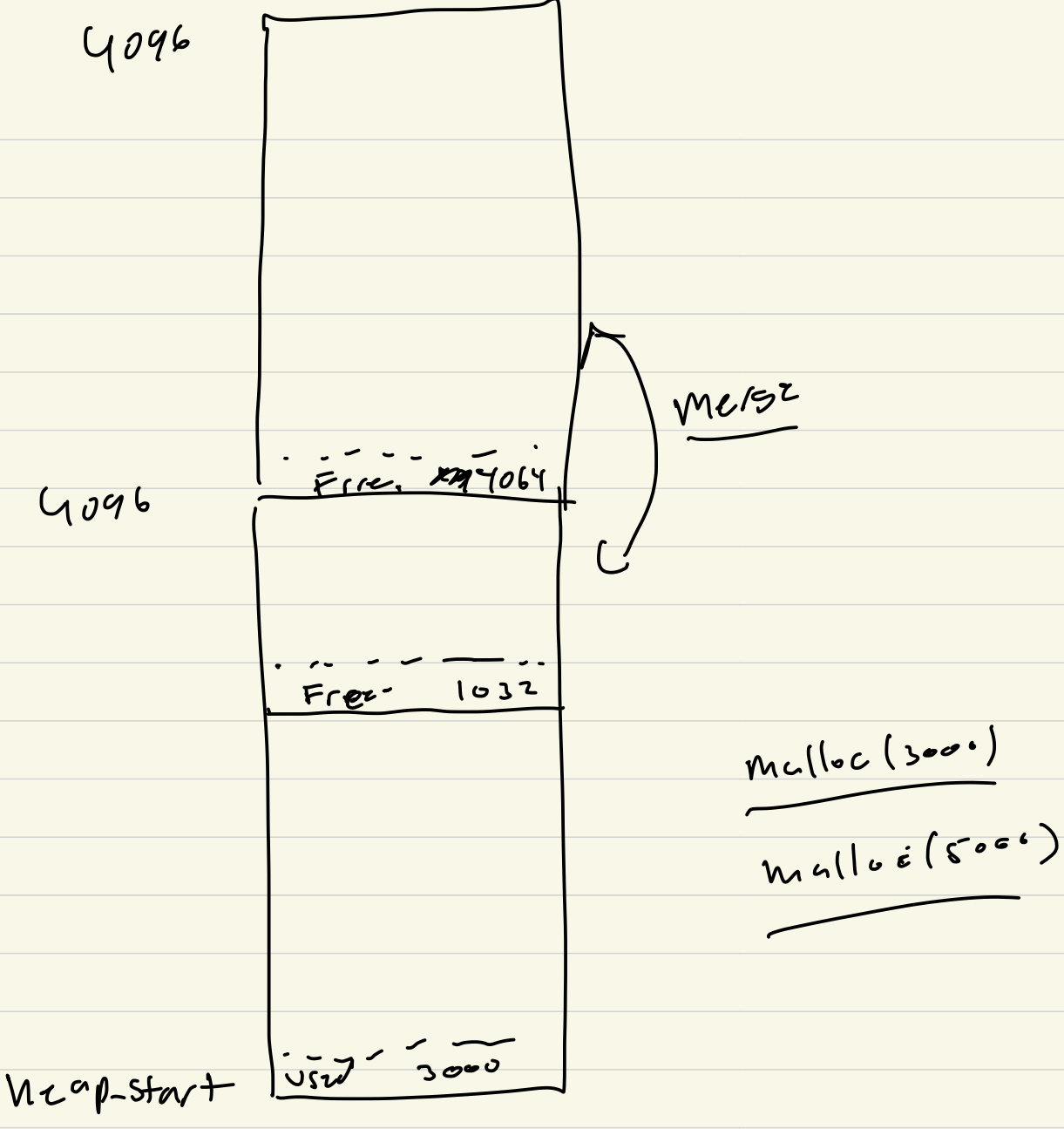

dsize
3932
bsize
3964
doff
block_hdr
used = 0
size = 3932
boff
dsize
doff
block_hdr
used = 1
size = 100
bsize
132
boff = 0
heap_start
STACK

The first malloc





First Fit


4096
merge
4096
Free 4064
Free 1032
malloc(3000)
malloc(500)
heap-start
used 3000