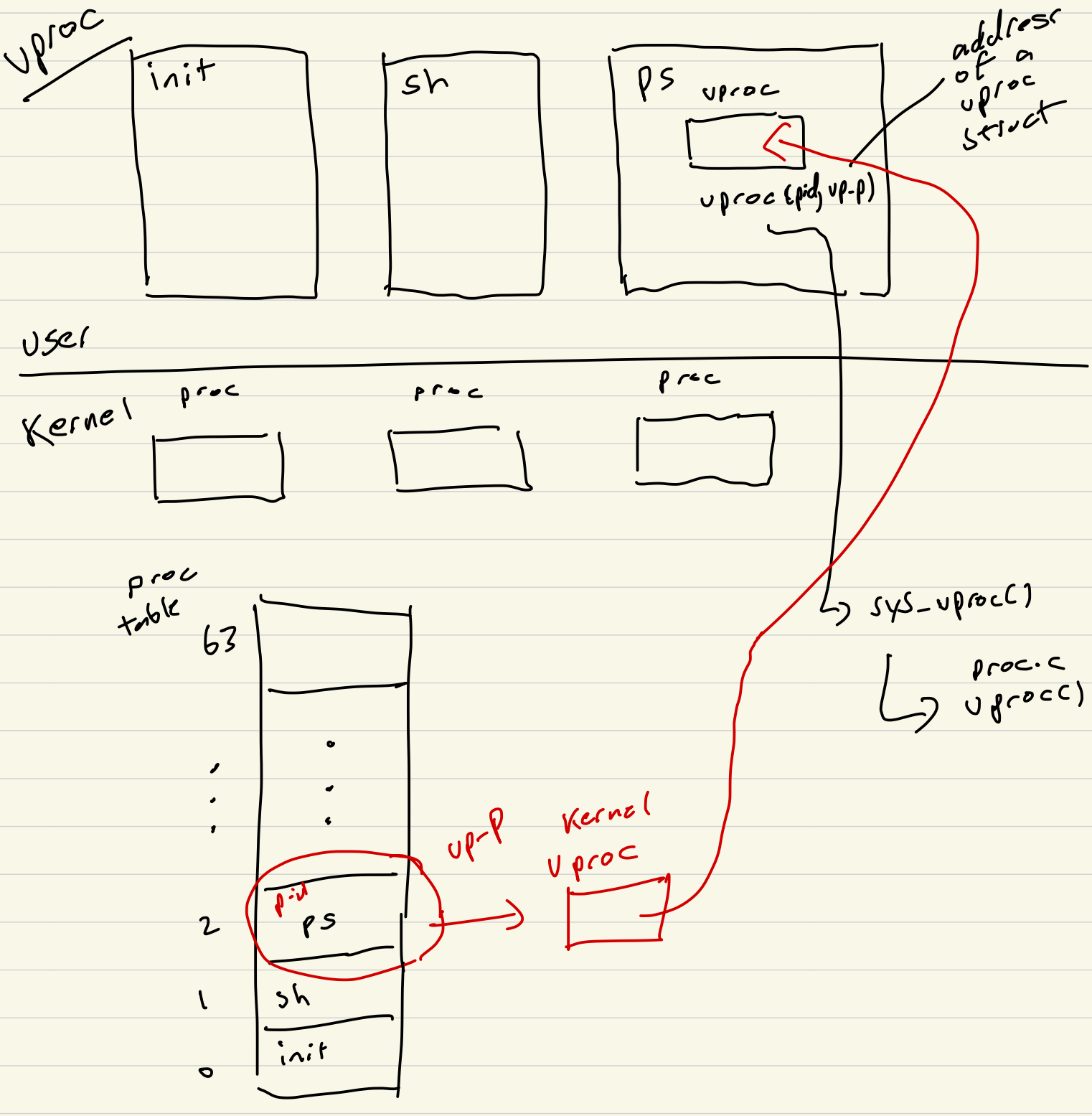
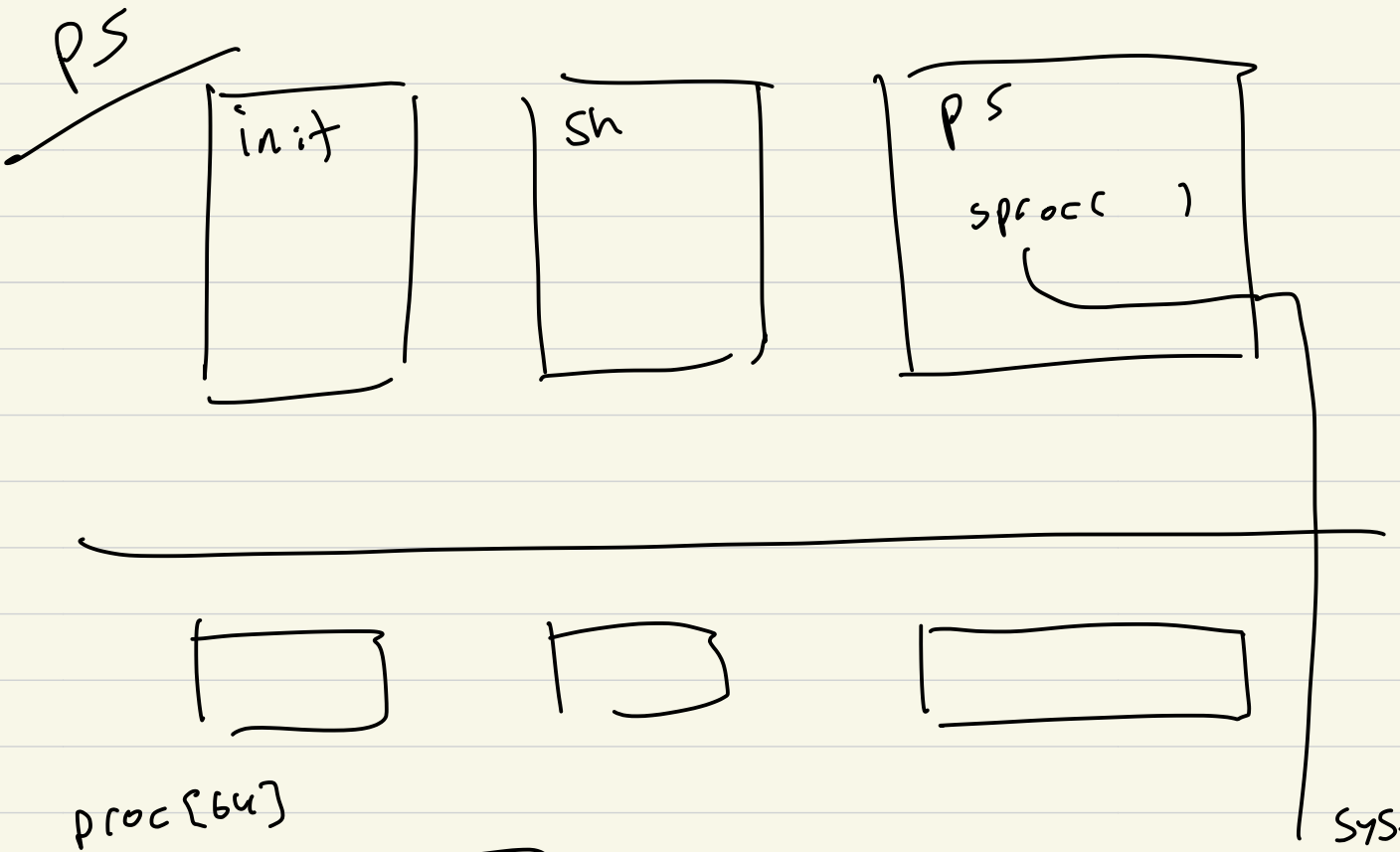
CS 326-01 xv6 Scheduling

Labos





proc[64]

63

slot index 2

1

0

sys_sproc()

(1) sproc(intslot, struct uproc *up-p) → sproc()

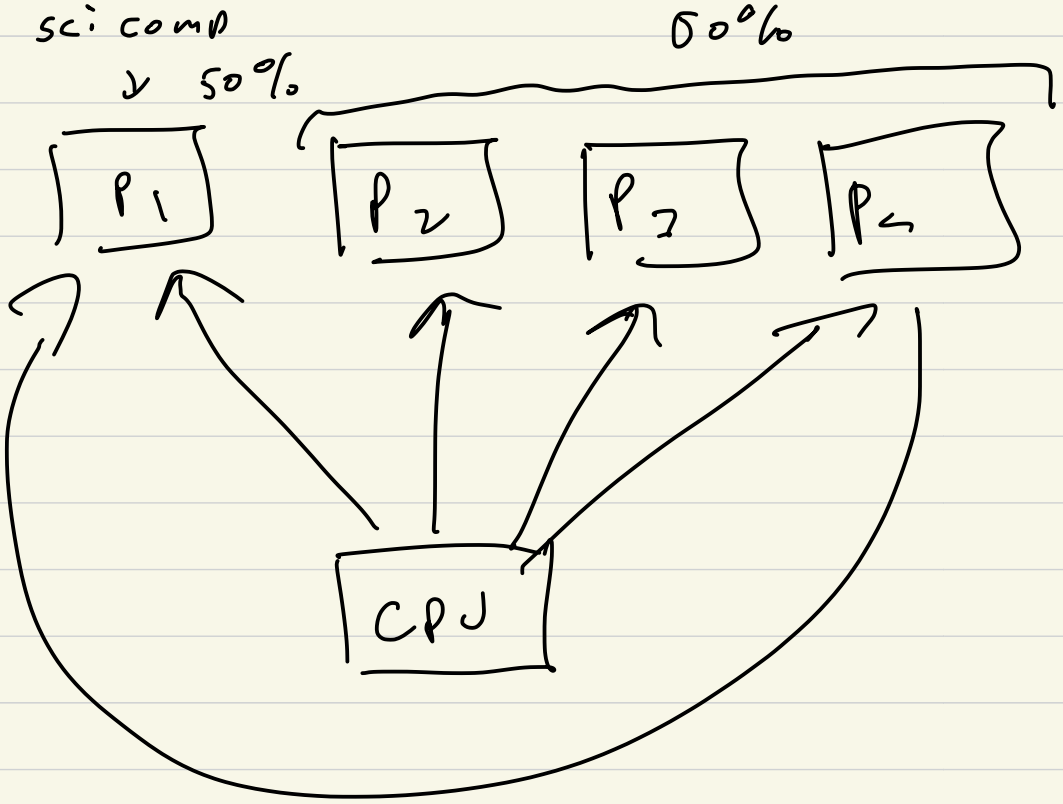
(2) sproc(struct uproc *upt-p)

pointer to a uproc array

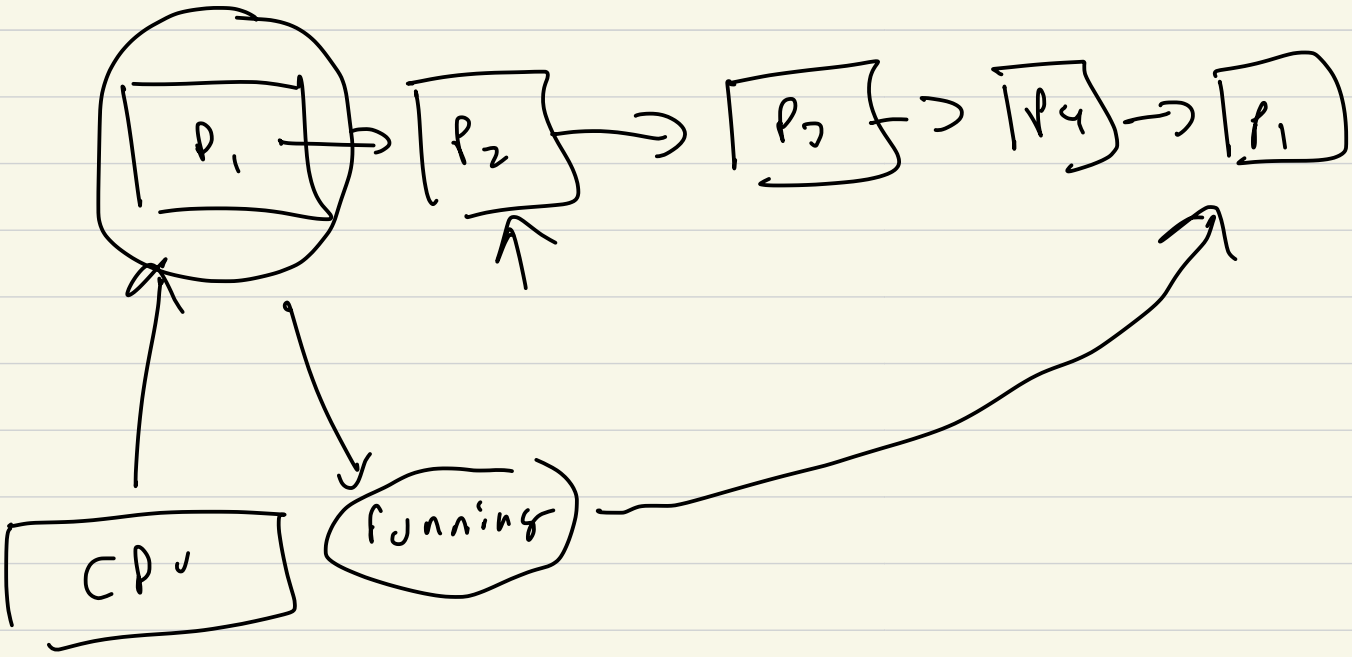
struct uproc uprocs[NPROCS] 64

xv6 Scheduling

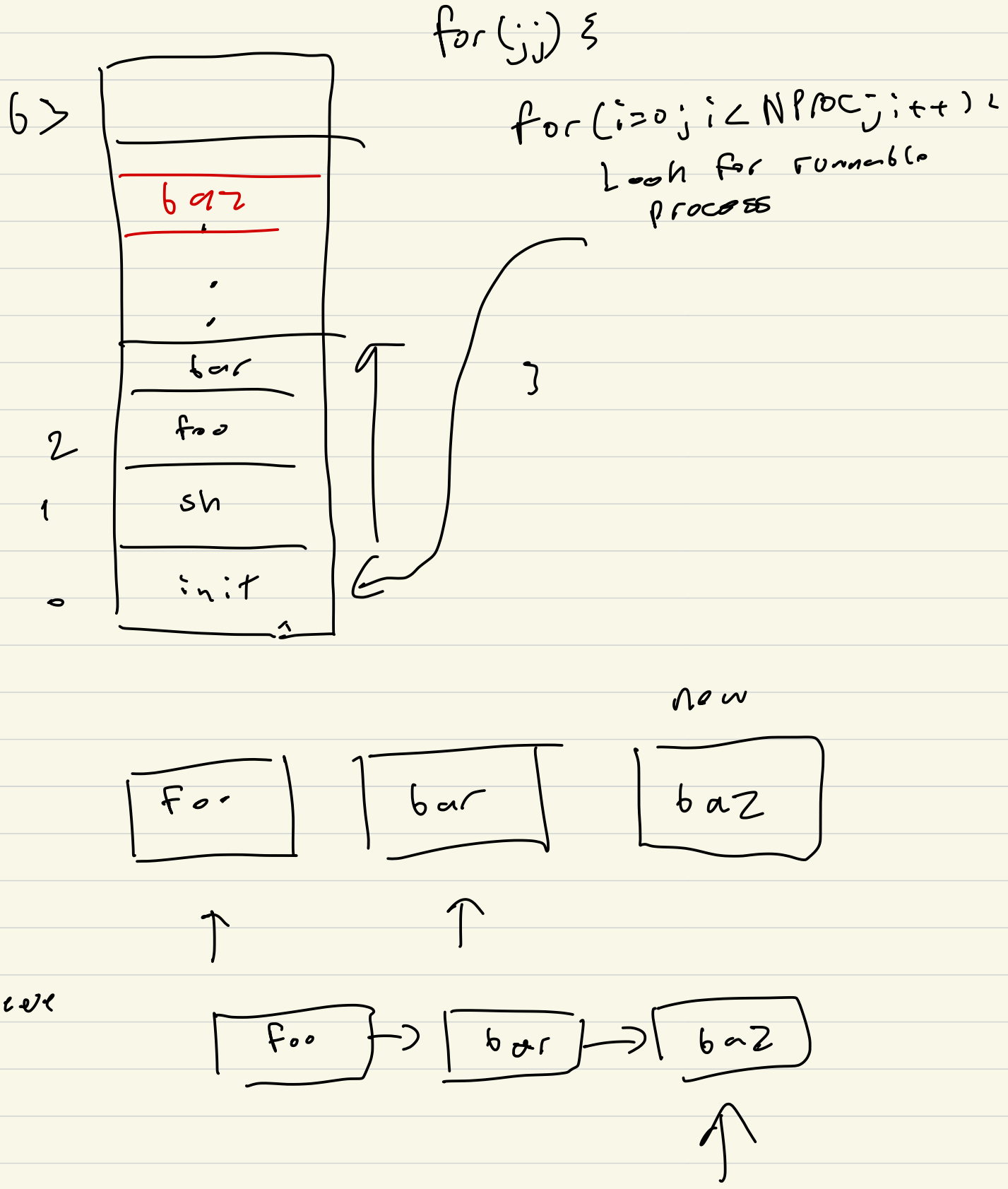
Round Robin Scheduling

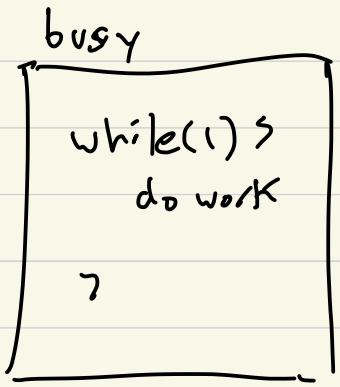


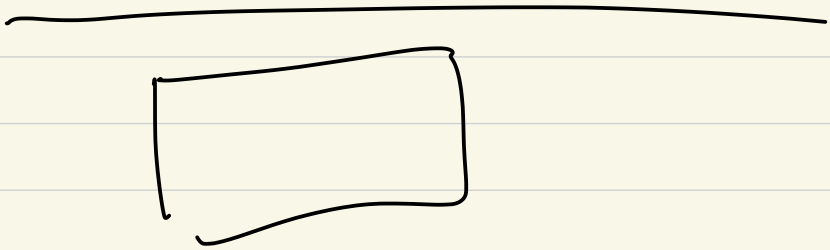
Runnable Queue

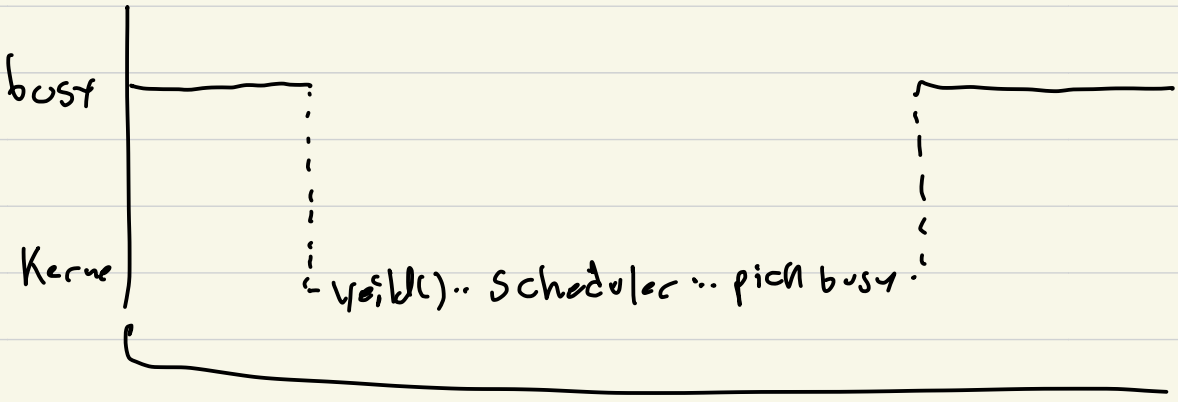


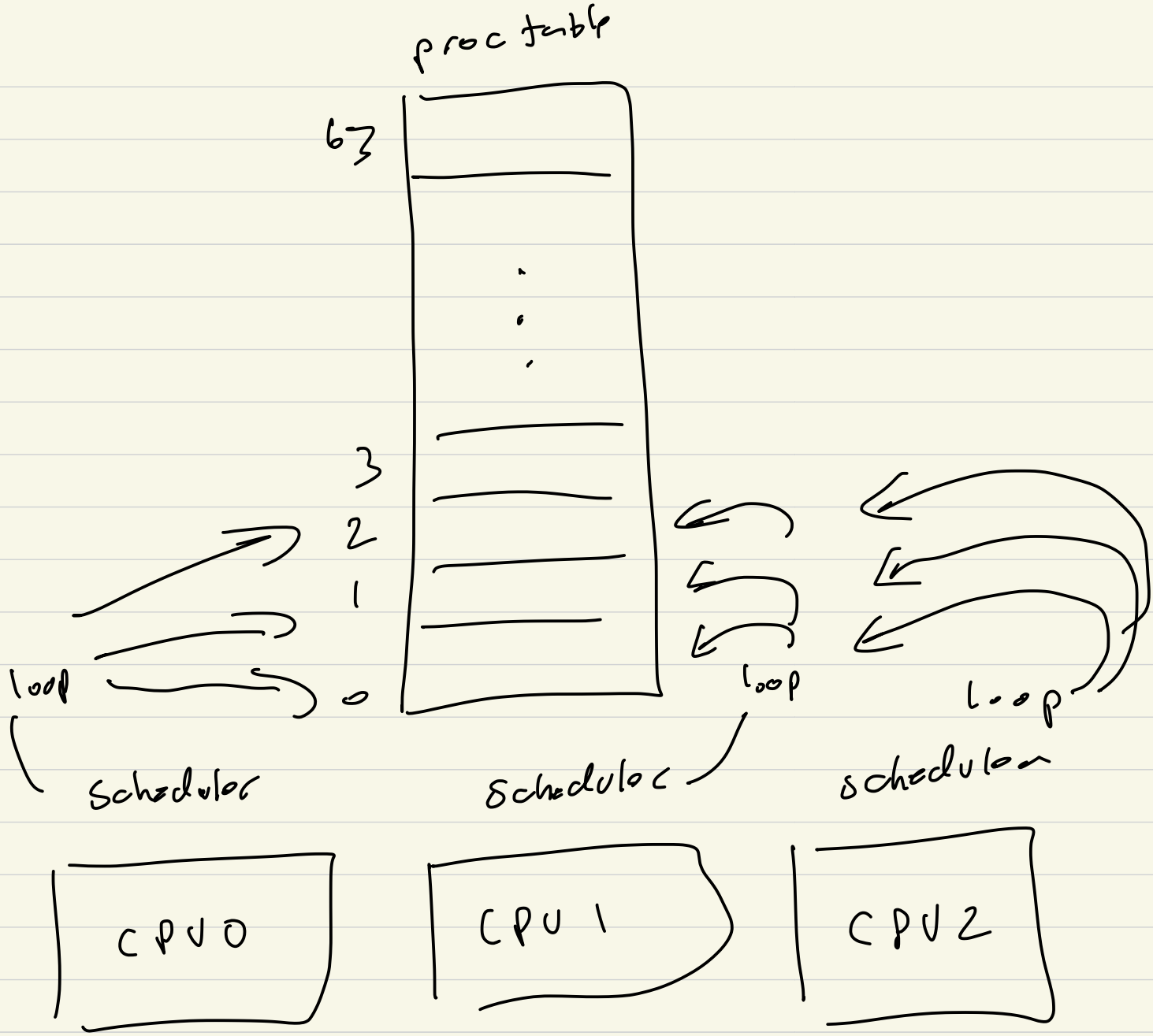
How does xv6 scheduling work?




busy
while(1) {
do work
}




busy
Kerne
yield() .. schedule .. pick busy


proc table
63
3
2
1
0
loop
loop
loop
scheduler
scheduler
scheduler
CPU 0
CPU 1
CPU 2