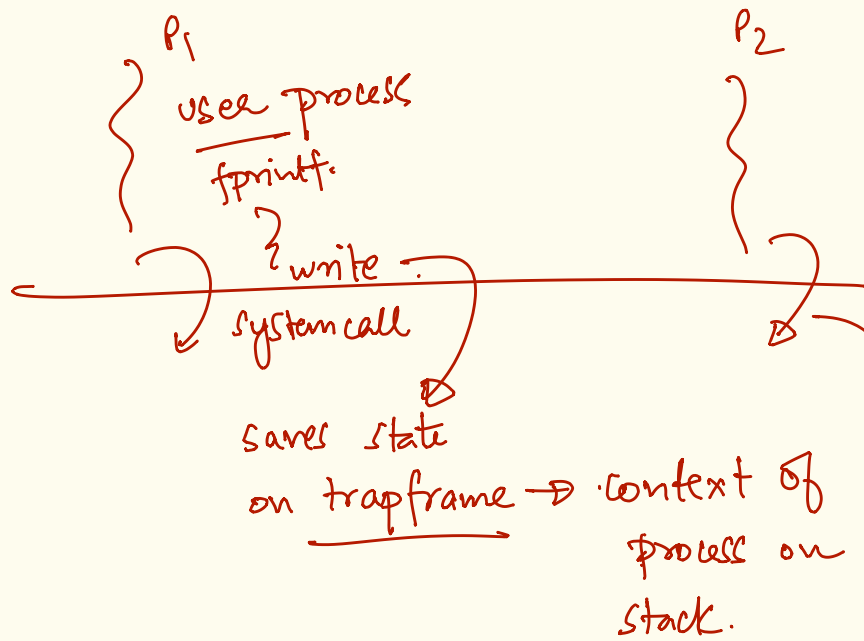
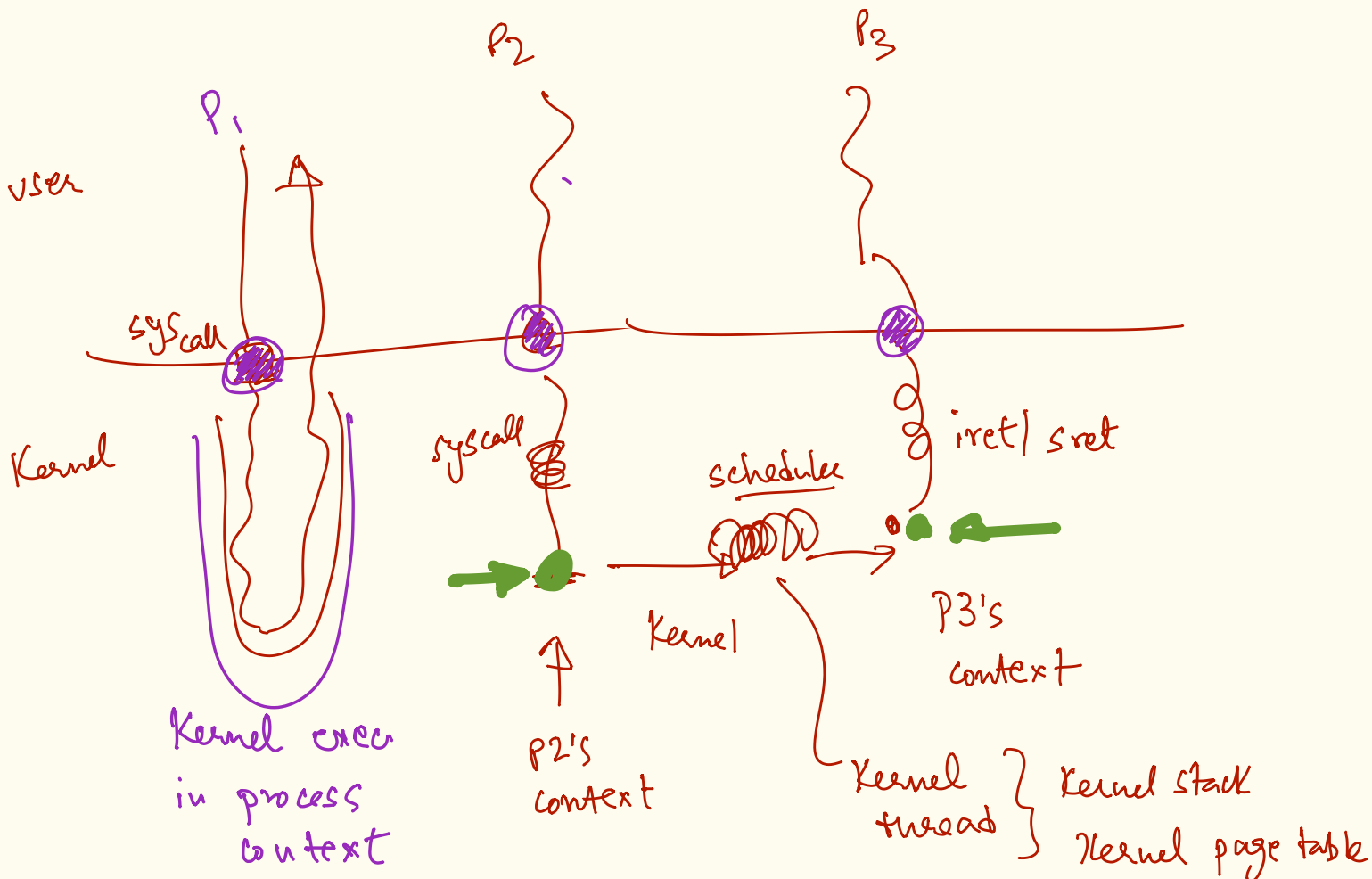


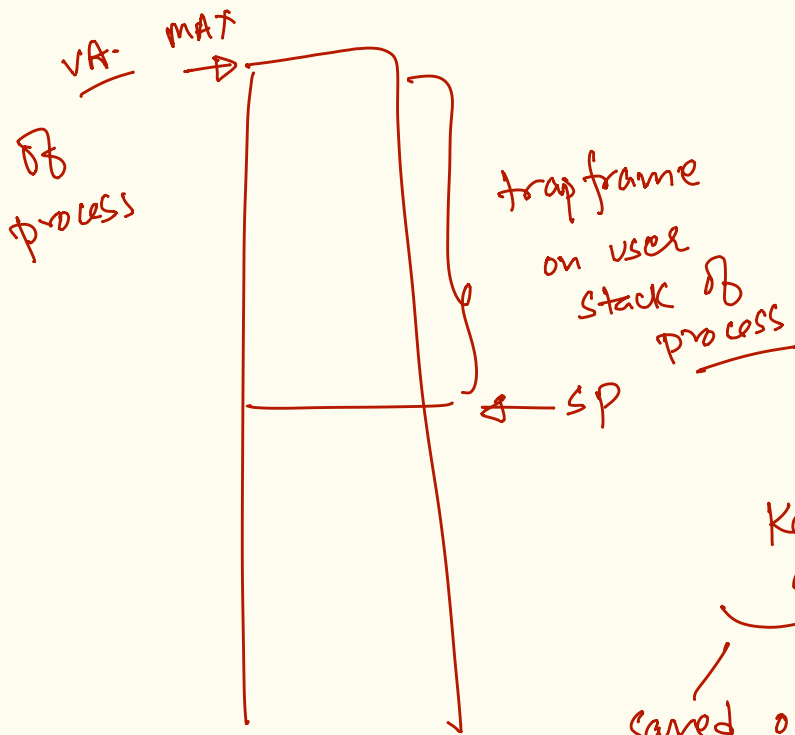


Lab 3

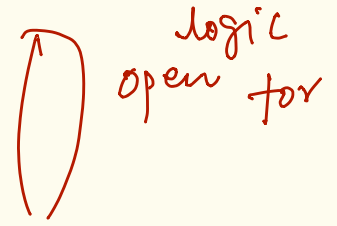
Mon.
Quiz1 - 31st Aug.
8am
Lab Quiz1 - 2nd Sept.
Wed 5pm.
(Lab2 & Lab3)

Ⓢ Kernel thread (of execution) in process context } on system call or interrupt. } from user space





sys-open(...) {



scheduler();



sret;



xv6

Kernel fn.

Switch |



save & restore Kernel context.

trampoline.S

which pushes all registers to user stack & switches to Kernel stack of process & Kernel page table.

user context of process

prepare - return

forkret

switch (switch

yield

#

mov eax, 70 (0x1234);

address

↳ w/ paging / address translation

via
MMU

pte flags
which indicate
features of a pte.

Present
Valid
bit
←

