

① Lab 5 } pick at least
Lab 6 } two questions
in each
for a demo
~~on~~ during
Thu. lab.

① xv6 specifics.

~ once protected mode is enabled
on a CPU

- every address issued is
not a physical address.

& w/ paging, ^{mmu} uses page table
for translation.

② Extra session
of Wed. in S22
4pm / 3:30pm

⇒ kernel also has to use virtual addressing

⇒ kernel page table.

⇒ all objects of kernel are VA
references.

TRAMPOLINE } addresses.
TRAPFRAME }

Q) Why TRAMPOLINE?

on an interrupt

sw from user to kernel mode

save user context

jmp to kernel address (for start of kernel logic execution).

save user context/regs.

load kernel context

sw to kernel page table

jmp to trap handler

