- 1. review Scheduling - System Call: Switch from user process to kornel (process)
 - Scleduling: Switch from user process A to user process B - high level intellijence (System call (None)

 OFIFS ORR

 Scheduling: Which process B? low level mechanism 5 hard wave assist. (a little Lit)

 Softhane 1) kernel mode / user mode 1 trap/ ret trap instructions - Scheduler: ISR of TIME? Sys. Call:

 Interrupt

 Code (almost the most tricky point of xu6)
 - 2. Context Switch
 - recall System call procedure:
 - 1 user process they goes a system call (usys. S)
 - 1 vectors ("int" instruction)
 - 3) alltrap.s

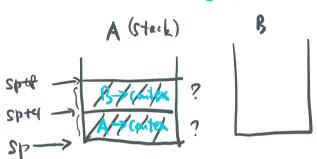
- F trap. C
- Syscall. C

Swtch (Struct context ** A,
Struct context * R)

(one of A, B is the scheduler)

another is user process

1 Start

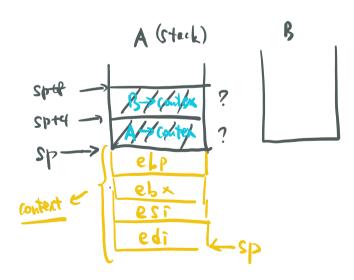


- O current process: A.
- 2 eax (rejister)

$$edx = Spt8 = A \rightarrow contex$$

 $edx = Spt8 = B \rightarrow contex$

(5) push (save context of A on its stock)



- 1 Current process: A
- De What sat on the Bop of A's Stack?

a struct context;

uint edi;

uint esi;

nint elx;

nint ely;

3 Switch stack

