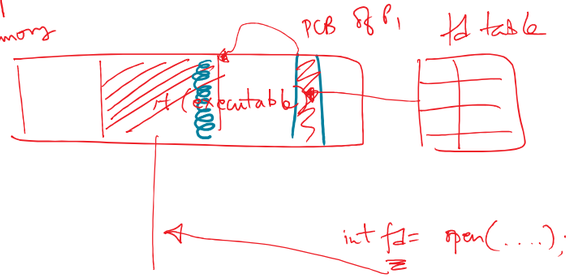
Lecture 9 02/8/18

01 August 2018 21:54

① fork + exec

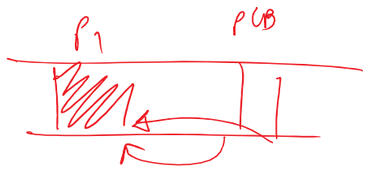
duplicate memory

recreate

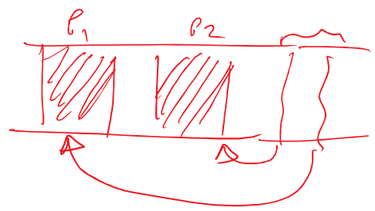


② fork + exec

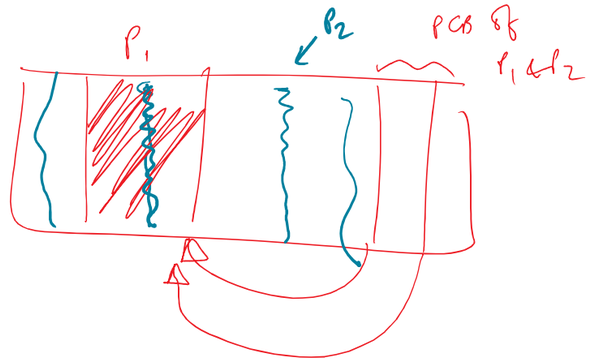
(i) no mem. copy
reset ptrs. in PCB



(ii) copy entire memory region



(iii) copy-on-write



① what happens on exec?

② what is parent terminates?

③ on exec which region to copy?

④ how does OS know when copy-on write?

- interrupt on memory write
- OS marks memory regions read-only

later ⑤ if memory addresses/region changes what happens to pointers?

① who maps
② who-assisted memory access