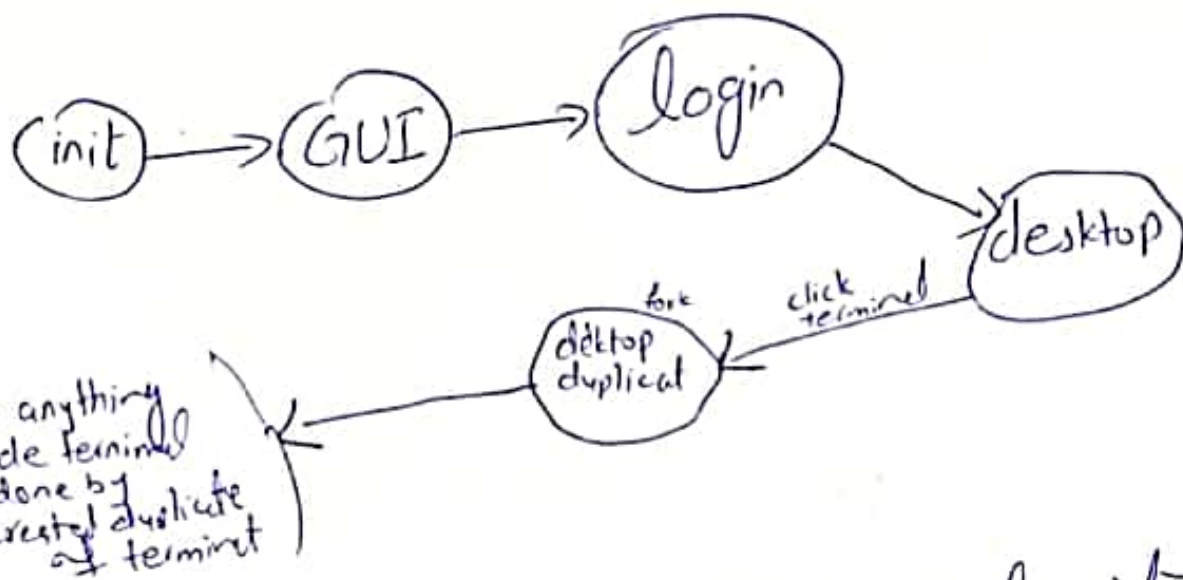


16)



The two critical system calls which are required for it is `fork()` and `execve()` = forked duplicate process and `execve` after processing = destroy process

17) if I/O has not yet been completed, then CPU ~~not sit~~ give permission to another process to go run state and  $P_i$  is in ~~not~~ ready state. When other process complete then  $P_i$  come to run state.

18) Task-struct represent PCB in linux