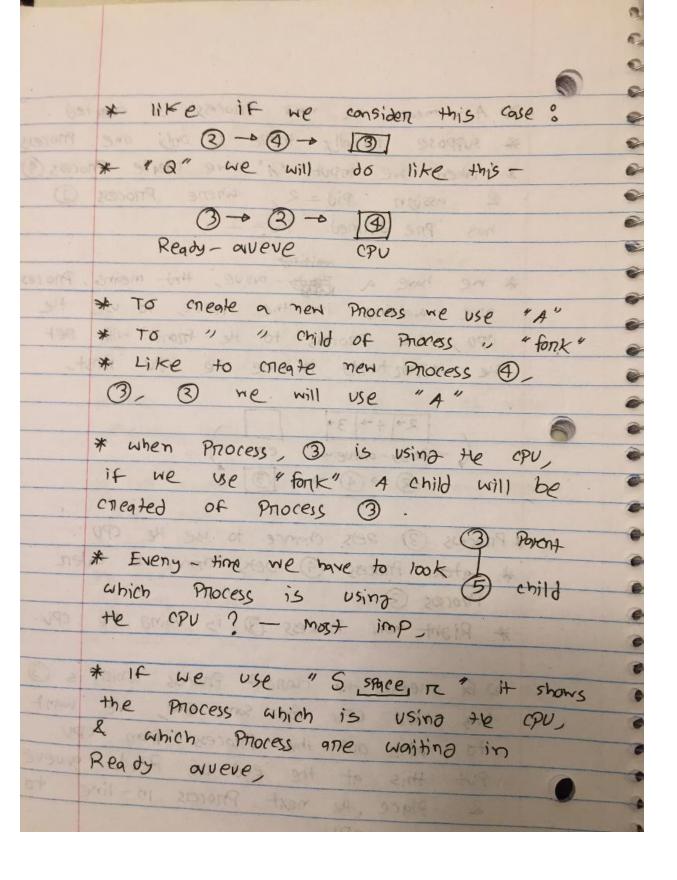
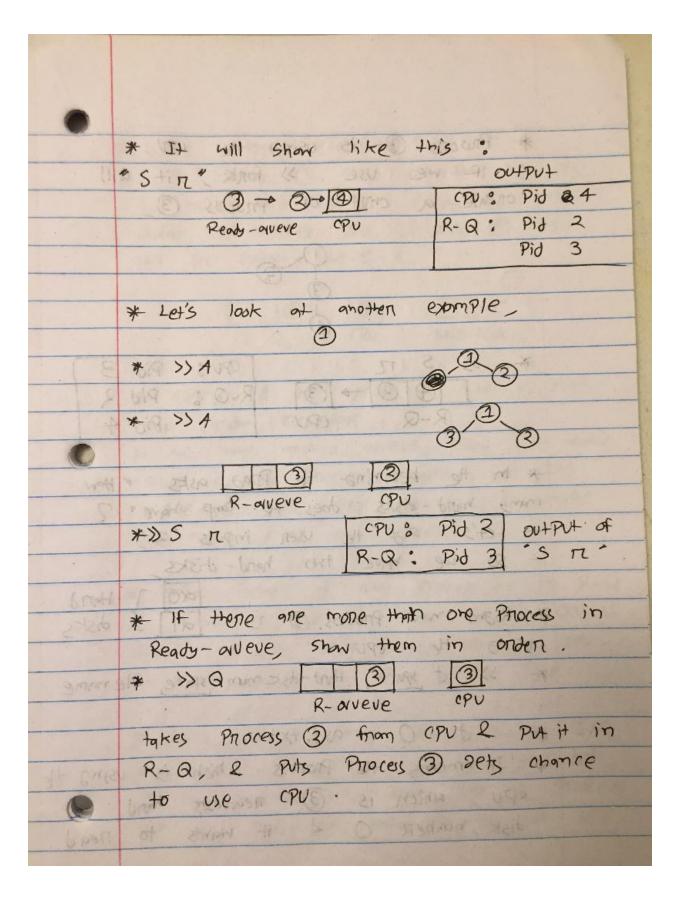
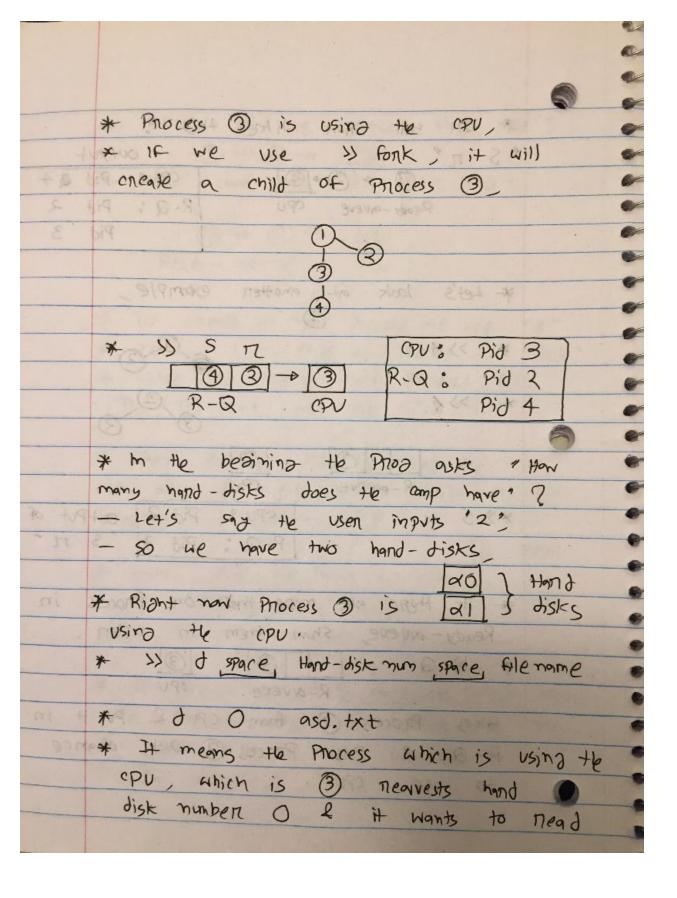
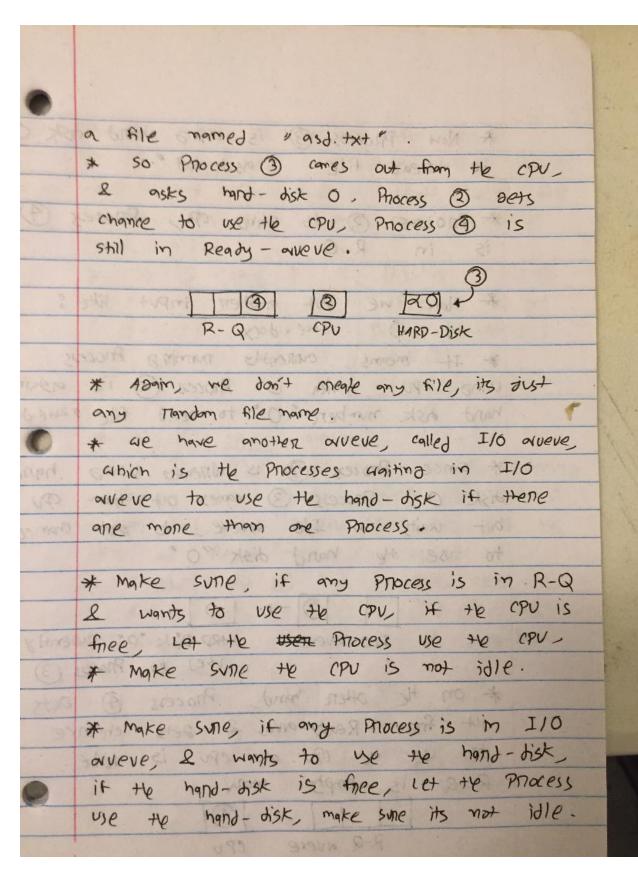


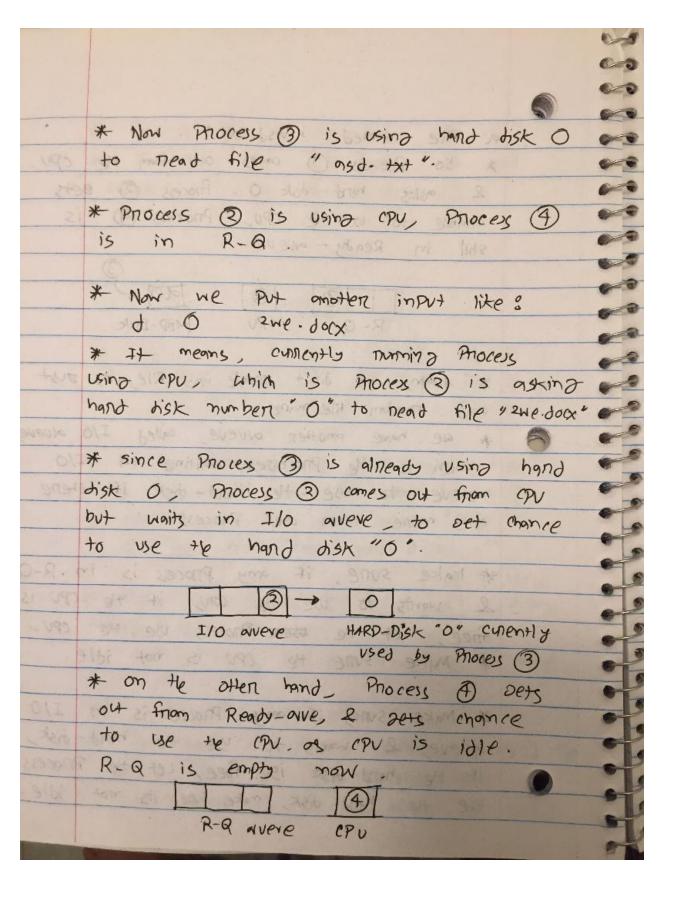
>> A means a new Process is cheated. * suppose initially there is only one Process * when we input "A" we cheate Phoces (1) 2 assign Pid = 2, whene Process 1 has Pre defined Pid = 1. * we have a Fleath - ovuve, that means, Phoress one waiting in the aveve, to use the CPU, the Process to the front will bet the opportunity to use the cpu first (, "Ready-arrayer CPU) enewhed of Proces * Process (3) sets chance to use the CPU. * Later Process (4) Dets chance & Later Process 3 mes as assumed assumed * Right now Process (3) is using the CPU. >> Q means the current Proces which is 3 has used CPU for some time, we want to take out this Prioress from CPU. Put this at the end of Ready- aveve 2 place the next Process in-line to the CPU.

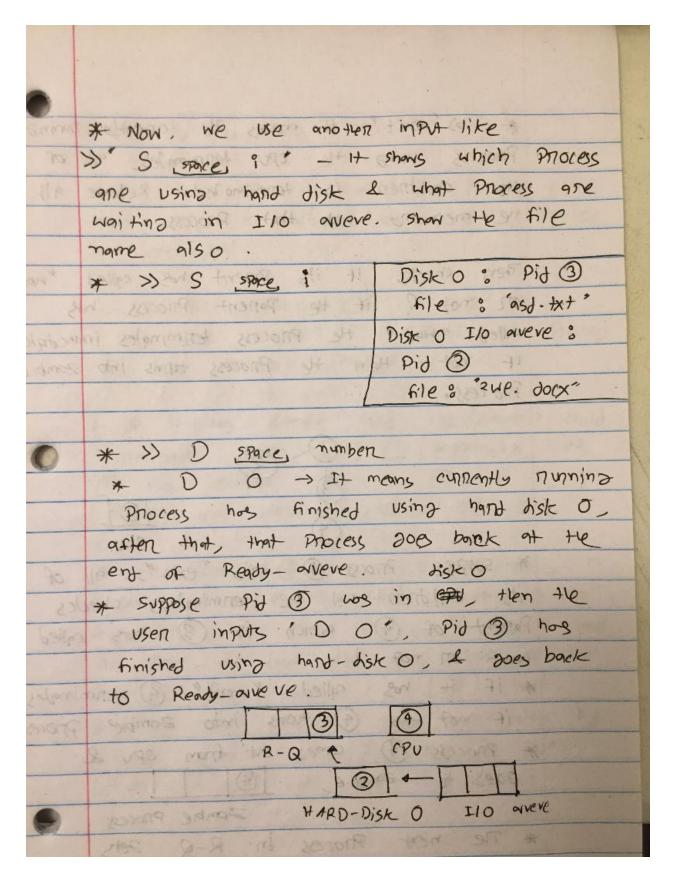












* >> "exit" it means the conently nuring Process using the cpu terminates, all of its children is termina tet. Release all the memony with that Phoress. Then checks if its Panent has ealled "noit" on not? if the Panent Process has called "wait" the Process terminates immediately if not - Hen the Process turns into zombie Process. 1 CPU * suppose Proces (1) calls "exit", all of its children will be terminated, checks Panent of (4) which is (3) has called wait on not ! # if it has called " mait" (4) tenminates. if not -> (4) turns into zomble process. * Process (4) comes out from CPV & does to zamble, [4] Zombie Phocess * The next Phocess in R-Q Dets

chance to se the CPV. SKINS ERSTEW ARE AND ONE OF THE R. * >> " wait " it means the phoress using the cpu, is waiting for its child phoress to tenminates, * SUPPOSE, Process 3 is using CPV. has called "wait", it checks if Process 3 has "Zombie child", * If it has zombie child, the zombie child terminates, oven here, I terminates, as 1 vos zombie child of 3_ e Process 3 continues using the 1PV * if Process 3 has no zombie child, means, none of its child is willing to be tenminated. So Process 3 has to wait It come out from the cpu, does to waiting state wait * once the zombie child tenminates by using "exit" the Process 3 goes from "wait" to end of R-Q.

2000 * if more than one zombie - child exists, system use any one or them to ne-stant +te Panent * other zombies keep waiting until they 9-p Jet "watt" from Parent OB 34 * for the Project, we have 'PeB" which means " Process control Block" * It is just a "vecton". * It stones into of all the Process * like Pid, R-Q, CPV, Hand-dishs * Panent Pid Child Pid to find sidnes an * Don't need to se any thee structure, * for simplicity try to be vector, * Pid is int valve * Panent - child newtion using pid) * If Proces 3 asks " wait " & it has no child, it should tell you Process 3 has no child, no need to wait! * If Process 3 asks "exits" but its child @ is waiting in 110 aveve it should nemone @ from I/O & both Process 32 @ tenningtes.