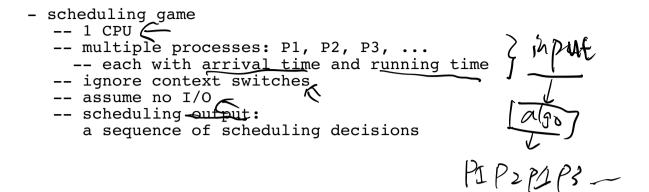
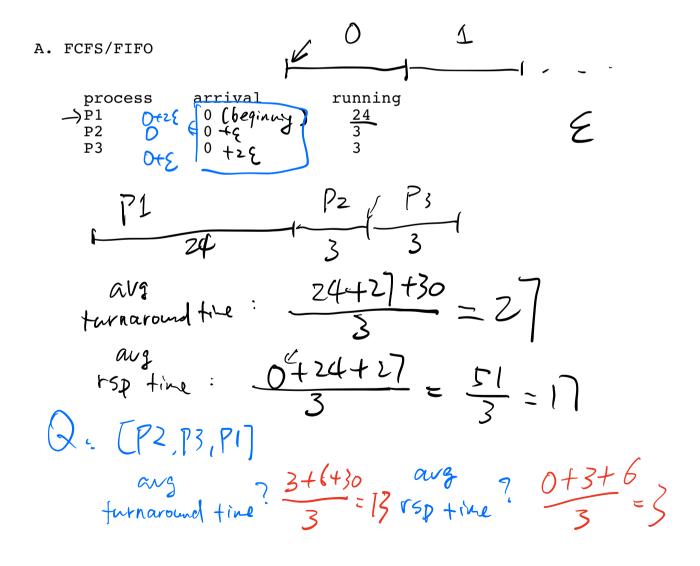
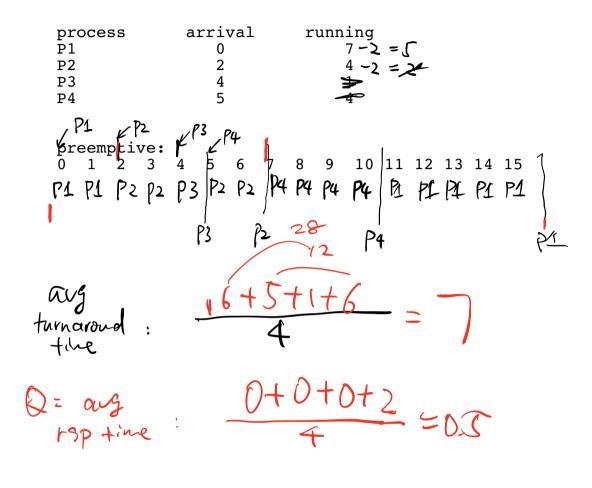


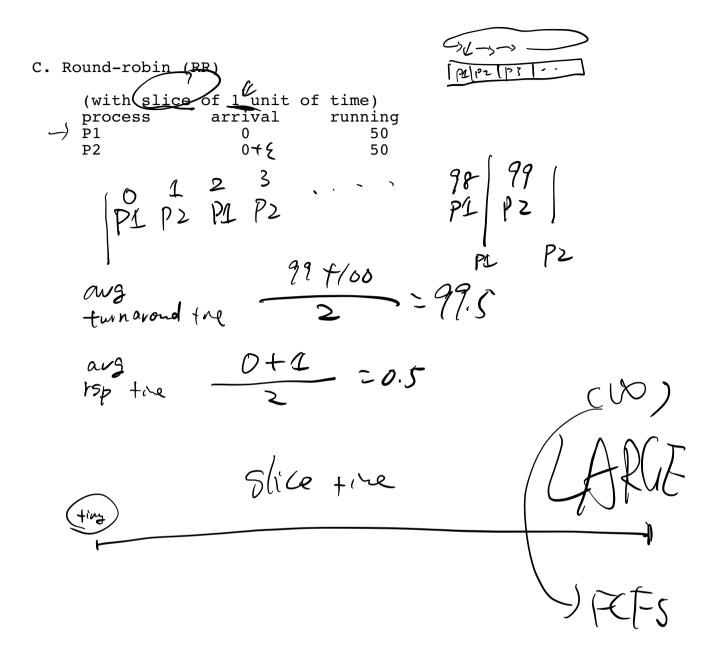
- proportional their needs. Week 4.b CS 5600 02/01 2023 https://naizhengtan.github.io/23spring/ Last time
Scheduling intro
Scheduling disciplines FIFO SJF RR Prio 4:10 pm MLFO Lottery 4. Vote for scheduling algorithms pcB Context Switch · Schedulie) OS scheiduly Q = LOS]: Which process Po run? Setup: WHEN



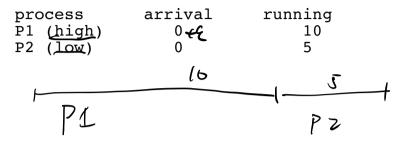


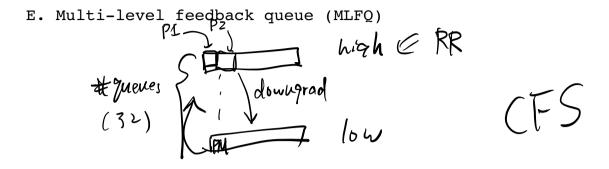
Strovfest Job First Chon-pre ... 1 B. SJF and STCF

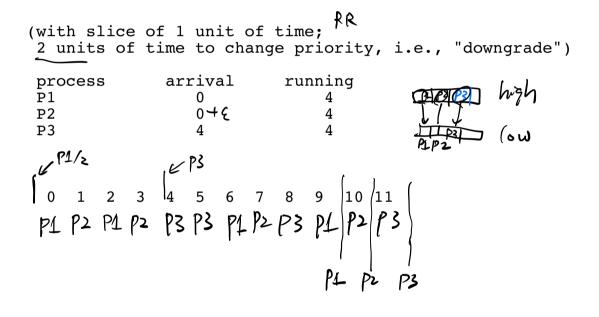




D. Priority

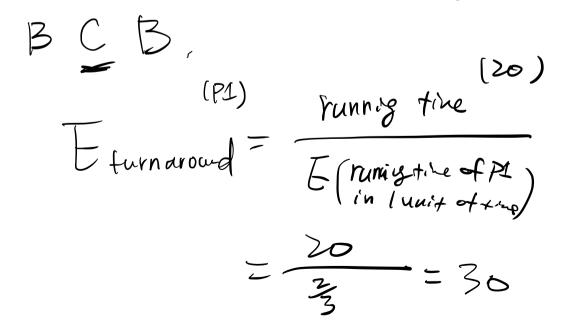






Probabilistic algo F. Lottery and stride scheduling I deterministic algo (with slice of 1 unit of time) process arrival running P1 (t_1=20) 0 ~ 20 10 P2 (t 2=10) $P(P(P2P1P2. - Pr(p(win)) = \frac{20}{20t(0)} = \frac{2}{3})$ SPIPIPI.

Question: expected turnaround time for (P1, P2): A. (20, 30) B. (30, 20) C. (30, 30) D. other($E_{P2} = \frac{1}{\sqrt{2}} = \frac{30}{\sqrt{2}}$



Candidates: FIFO, STCF, RR, Prio, MLFQ, and Lottery Awards: "Best Turnaround Time" "Best Response Time" "Best Fairness" "Most popular algorithm"

