

Target of the scheduler is the Set of precesses in the ready Queue.

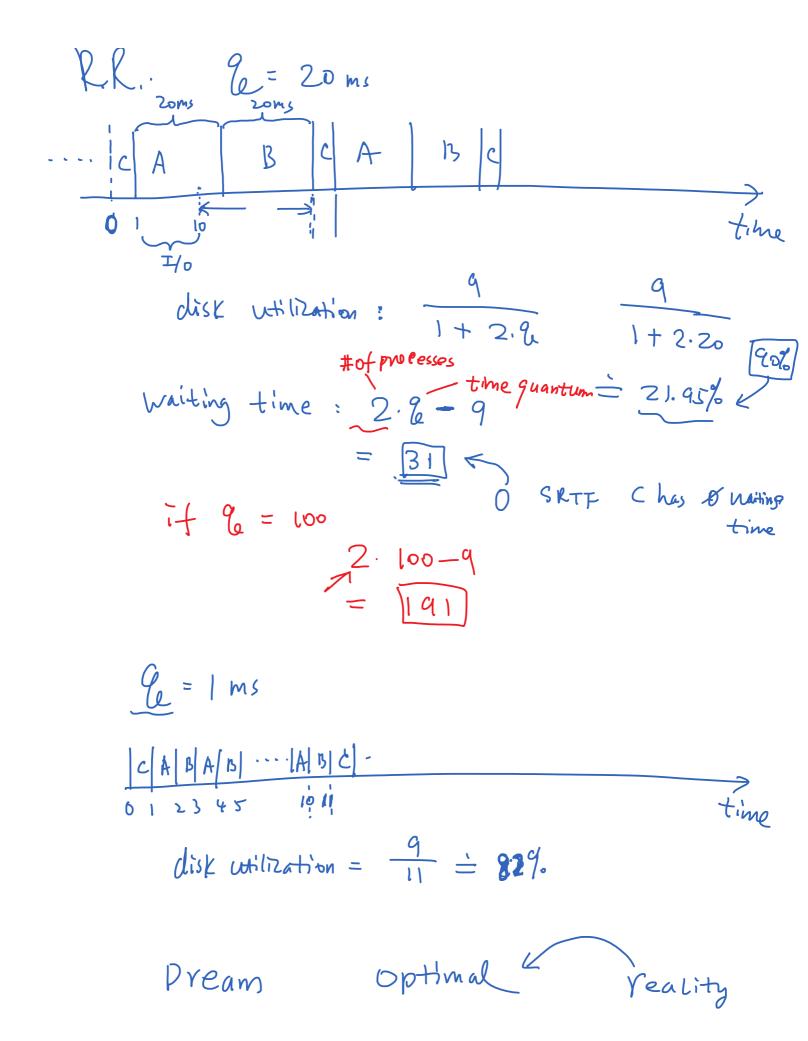
Pryunning on Cpu

{PL, Ps, ... Pn} are in the Vendy Guene. SRTF: pre emptive Version of the S.TF Target: Pr, & Pnt1 a new task arrives Pn+1 Compare Chil and C/ 2) When a process terminates, (running) Scheduler would check the Vendy queue.

Cpu burst arrival time Ex: Pi P2 6 **b**3 P4 @ t=0 Pi arvives Schedule torun it @ t=z Pr onvives (remaining time)
for Pi Continue the execution of @ t=3 Ps arrives 1 7 2 veady Quene Yes run P3 P.(2) P2(6) @ t=4 P4 arrives 4 & 0 P1(2) P2(6) P4(4) $C_i = c \quad \forall i$

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K.T.; (+) ≤ C; ++>0 SRTF: Cj & R.T. it Compare preemption. $\binom{1}{A} >$ $\binom{1}{c} = |ms|$ Yemaining CA = CB SRIF: disk (Z/O) utilization percentage time (a) I/o is active. run ¿ To process C, SRTF creates a Situation just like Vunning C abre in the system.



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rum C Wone SRTF

R.R.

if le is small

Year scheduling = f(FCFS, ER)

Waiting time is accumulative time

Sch-ti

= Completion time - Cpu burst - arrival

MLQ