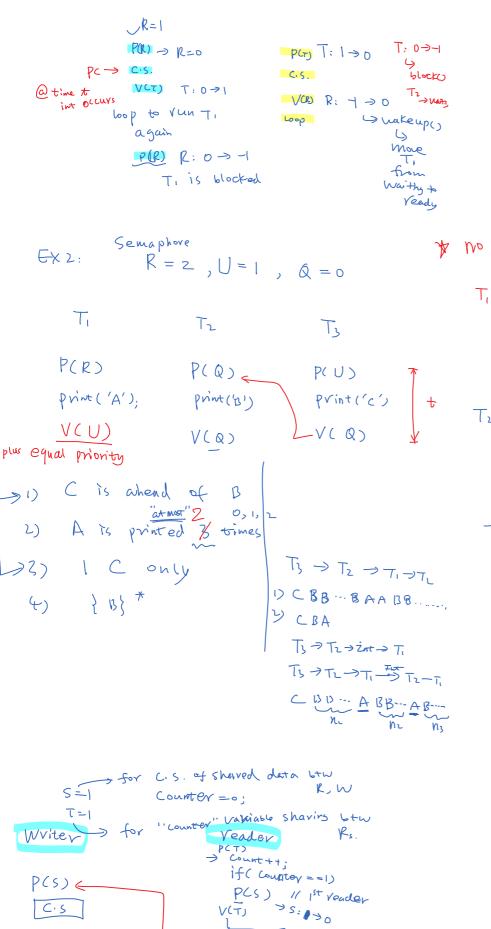
Tuesday, October 16, 2018 1:14 PM P(s) Critical section V(s) Code on Showed variable(s) Semaphone S=1;  $T_{t}$  $T_2$ → P(S) P(5) < C.S. C.S. V(5) are atomic; P(5) { ·V(s)} V(S) } P(S) { if (560) block(); 57 Queue Semaphore R=1, T=0 int n=0; m=2, E-X: TIS Yun forever rum forever, PCRX PCK) V(T) -V(R) VCRS JR=1 p(r) T: 1 → 0 T: 0 → 1 P(K) -> R=0



no interrupt 3.t < T Time slice Ti Vuns first Output: (2 A)  $\frac{R: 2 \rightarrow 0 (-1)}{U = 3}$   $\frac{R: 3}{T_1 \text{ is}}$ Tz, Ts are in ready Queue Tz is schoduled Q: 0 -> -1 Tz is blocked Ty Yung U = -1 3 C printed Q = 2 Ti is blocked

Ø: arrival of writer

