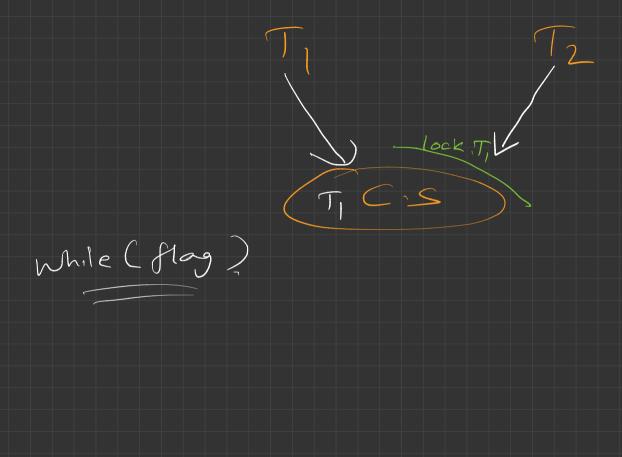
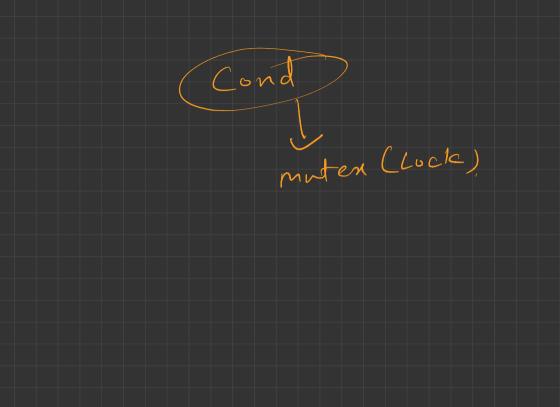
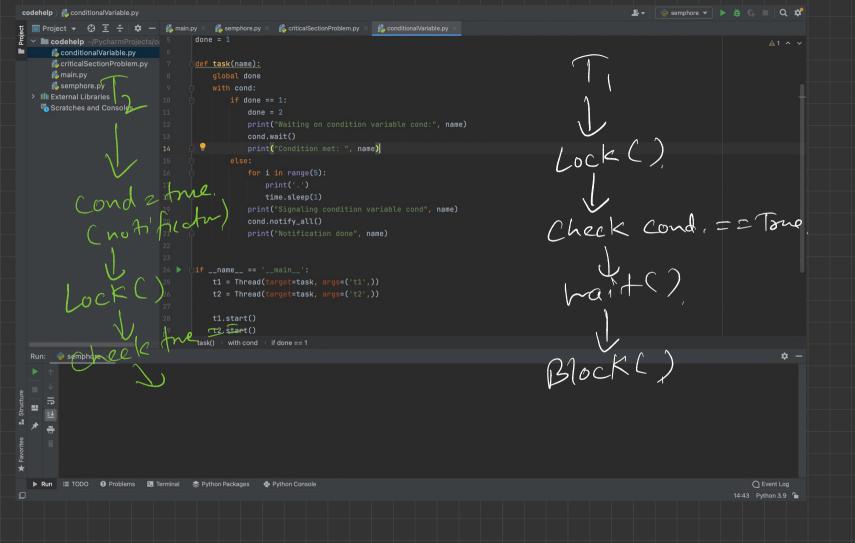


Lec-17 D- single flag X D - Petenon's sol 2 threads - Locks Muten Rooblem -> Busy wanting



& Conditional Variables var =) Cond (lock) Signal = Condi





Semaphores > integer Resoure -> Single X - Muliple instances

Signal(s) Lait (S) S > value ++ S-> value --) wastl) if (s->value <=0) CS if (5 > value < 0) Sugna remore P from S-3 Black Semaphore S(2); 1 wakup P) To wart() > S > val = 1 > After C.S > Signd 12 > hot() > S>valt 0 > T3 > wast() > S>valn >(-1) > Block() < 00.

n > 1 -> Binary simeaphone Spraphon > >1 > Courting semaphore Surphone >