## LEC-19 | Reader-waite problem - syvolgenization rani h xi ex boog moe extinct ex his white write kg exe but multiple geoder head xx exe. DB

O Reader Macad - Road

shoned resource

@ waiter thread -> conite/update

-> If IL geodess are seeding => No issue.

-> If >1 whiters OR I writer && some other thereod IR/W) then Roce cond a dotor in consistent: Possellel:

Aob. w, Risk Wz

Ex-water water, ABCD? happang at will same forme but white we H81 der was

Reader we wassestant data seads;

Sol" - Usug Senophal O water - burny sample. - to asuac mutual exclusion, when a ead count 1801 & yodated. => No food freeds woodgy Ro at same fine. 1 wat -> birdy Scho. - Common go both geoder & waster. B read count 1901 -> integer for y (not sawa) - thooks how wany geader one heading in CB. \* Reader 301" y waited sol do £ dog wait ( witex); // to widex read Court volable wait (wat) 11 do wife operation 9C++; Signal lost); if (90 == L) wait (wht); // ensures no con it es can & while (thue); 11 enter of there is even signal I wide); one geader 11 C.S: Reader is gooding coail Inutex) 90 --; 11 a reader leaves if (9c==0) 11 no seoder & 19th in as, sig val (1097); // 109 Her Camenter Signal (water); 119 cade/leaves & while (1).