Clap 5
Skip monitor a message passing
Readers / Writers Problem (custom synchronization)
- should date among threads (file, queve etc.) - threads that only read data - threads that only write data
Dany # of readers may smultaneously read file
3) if a writer is writing to Heddala, no reader mangaccess it
(Many readers with no writer) readers do not read  writer no readers
- muter around all? expensive to aguire, especially if
no wilkers-
- For sustance, suppose showed data is a library catelog.  patrons read catelog to And book
patrons read catelog to And book
librarian writes catelog to add Isobtract books
- ; f inches around all, only I person can check catelog
at a time, every other reader waits
이 그는 그는 그는 그는 그는 그는 그는 그는 그는 그들은 그들은 그들은 것이 그렇게 되었다면 하는 것이 없다.
- we want call readers to have concurrent access
- We will readers to have concurrent access -
Contraction, from 10.00 to
1////////////////

if cont ::0) ivenodify-one light switch problem. 1st person m room turns on switch lots of other people come in last person in the room turns it off B. Hence at ) & word in the Ken of if first readern if first person in ( (lock out writer) turn on lights 11 lights on if last person out it last rewlement turn off lights allow writers int count=0; mulex muriker Illocks out waters mules mont; Illocks court access void reader () { while (true) { y ment. lock(); only >> country; 10ckng when it (count : 7.1) 100 readers muriter, lock() Illock oturiters not ment. vulocke); nhole illuts of very lengthy cales readle fure -) mont. lock(); count --; if (count ==0) mariter unlacked 1/a 1/ou erriters > ment. unlock(); 3

lockthe mariter. vulock

they mariter. vulock

See 410. ceasers witers uniteses. git