race andition -> lock

Mutex -> Mutual Exclusion

Only 1 thread can have the lock

self. Lock = threading. Lock()

with self. - lock()

dead lock & Rlock I Lock bundle code up, during W primitives execution, not swifth thread

producer - consumer threating Threading & process synchroni zation

- U using 2 locks, first in first out out out out stores I value
- threading Event gueue aue rountel

 3 Better queue Timel

threading Jim 3/21/21

chaemon will shut down immediately
when the program exits.

x, join() wait thread to finish

comment out, still wait forit

regular thread

{ regular thread
 daemon thread
 x, join()

regular thread wait no matter x.join(), both

daemon thread

x.join() wait

no join(), main thread does

main thread not wait

start with threading. Thread

A group of threads:

executor, map
, submit Thread Pool Executor
, max_workers=2)

Barriel

randint carb) as reb producer - consumer problem probably more difficult than the concepts

has consumer! release produce -lock · before start getmessage -> message-, | Consumer thread After C dool d 000) K Start before consumer Lock Set message producer_10ck 2 bocks. Pipeline it has producer lock loop 2 - - Cuntil producer_10ck is Release Consumer lock realeased, wait setmessage---It has I locks producer thread After 0001