10/20/18 conclition Vaciable
used to signal between threads, [threedis)
black entil (signaled) bool is Ready : false; 1/global TI (waiting on is Ready = 2 tive) & block means,

TZ (sets is Ready = tre & Hen wortheres

any other Morends waiting. t blocked n mantone sld:: condition-voriable Nothfyring -> 05 wakes 1 Moread (cantiell) notify-one 7 05 wakes Memall (1 wM notify-all equire unitex a continue) the rest wast until they get united a continue want until notified . washfur & formed vergions of west-until I above ignore for now

unique-lock verses lockquard? & malure Cuntex 7 luckguardis lucked in the destrict # include scordition worrable? unique lock is all Heet & camenlock unked mi or cute unto exception condition vortable c; unique-locka INfle bool ready = false; heavier, always use lock-guerd unless void netc) { lck(m); wagine you need unique lock unique-lock & untext abititres while (1 ready) + release + well for signal c.wall (lck) void set() { unique-lock & mutex > lck(m); ready = five; Hall access to ready protected cv. notify all, Il water up all other threads.