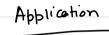
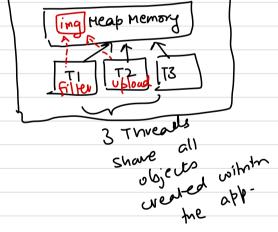
## Synchronisation

→ Problem → Solutions



PROCESS



Within a process

Acap memory is

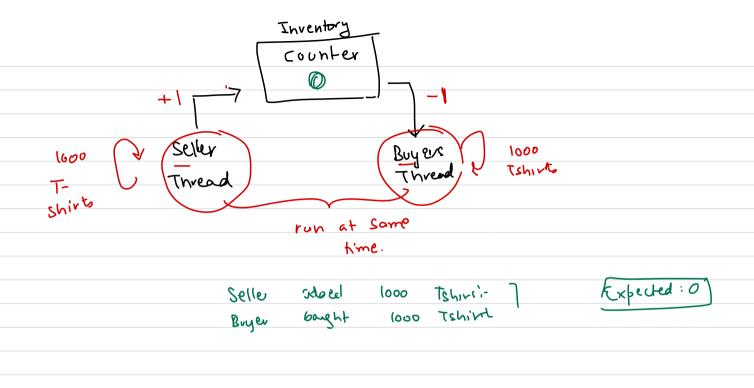
Shaved across

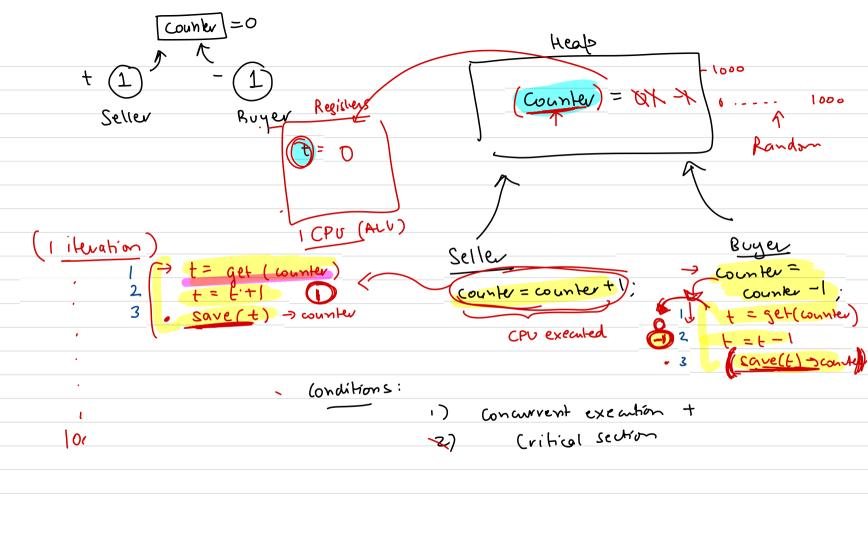
all threads.

-> we don't need to

create separate copies

of object,





Solutions:	Mufual Exclu	HAIDA .	
1 Locks	Mutex locks		
locks	ensure only	one muead can section a time.	acess he
			[exclusive] acess ]
(ockC) 3	- Critical	dec	Washroon
Unlockes ->	2 section	wait	lou(()
		2	O O O Undock()
		3	

Synchronized Keyward

L) Synchronized Methods

Synchronized Block: provides a more

fine-grained

locking.

Atomic Datatypes

Java has some tatatypes

designed for concurrent (multi-hreaded
env-

Atomic Integer

(on current Data Structures) designed to support concurrency in Jana Collections.