Agenda:

My sync problem happens?

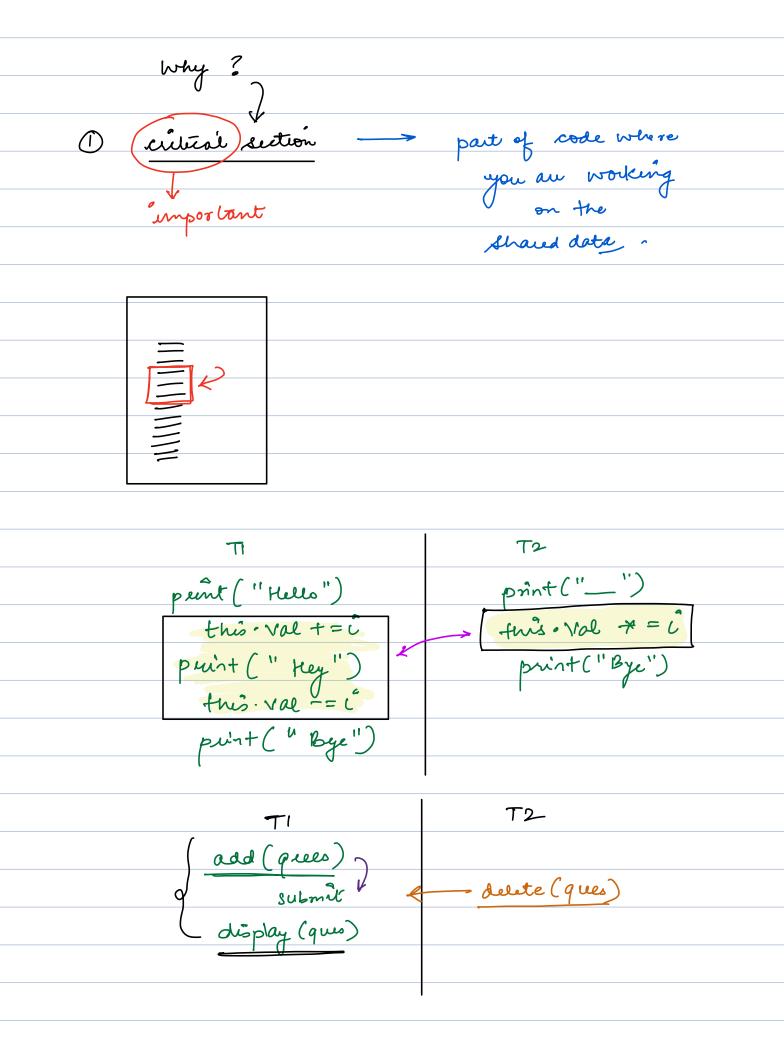
Mutex - locks

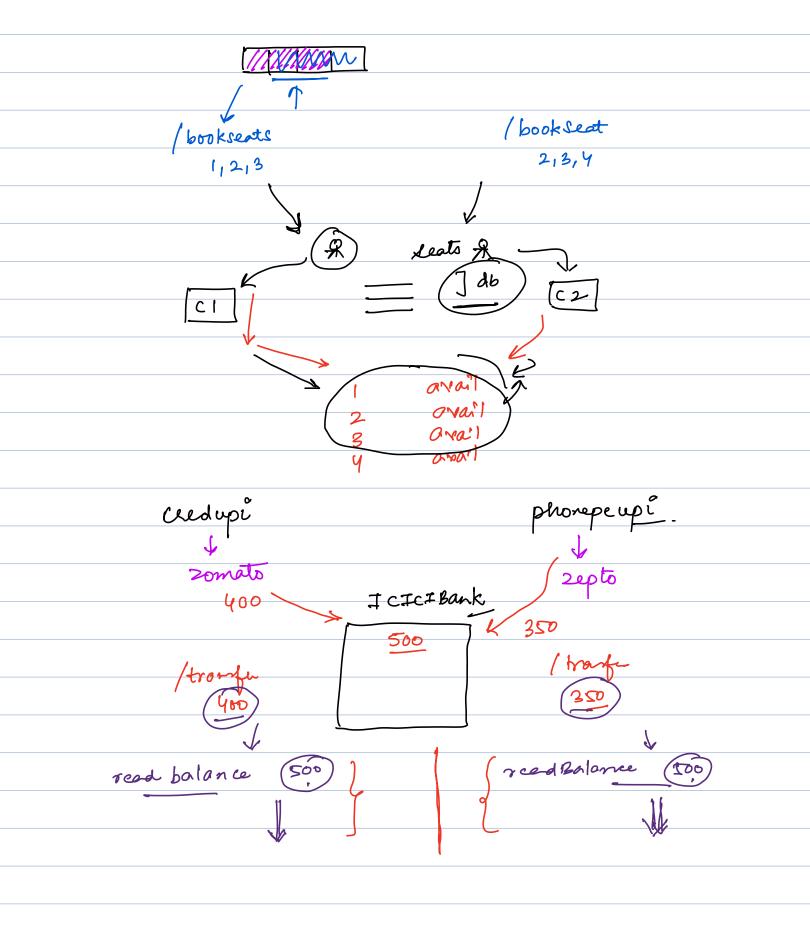
Synchronized keyword

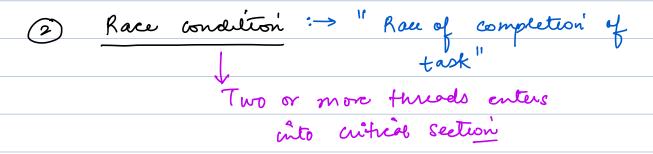
Synchronized method

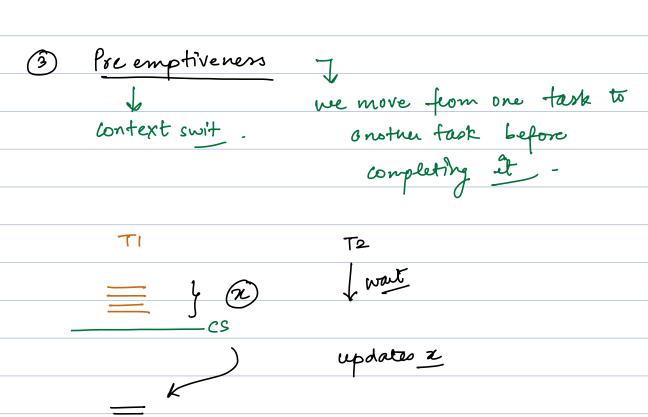
Producer/consumer.

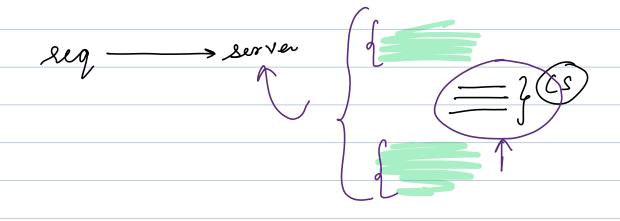
Note: No class on Friday, dashboard already updated



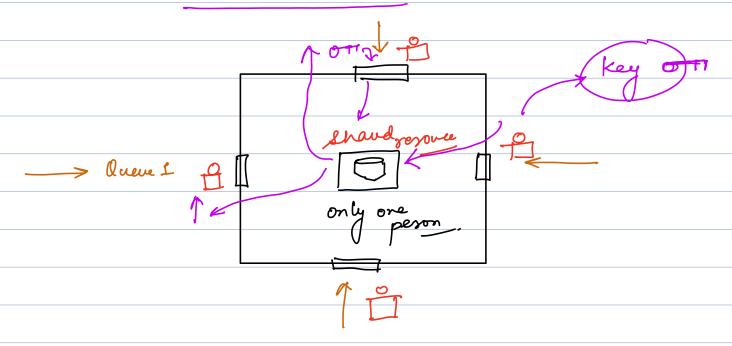




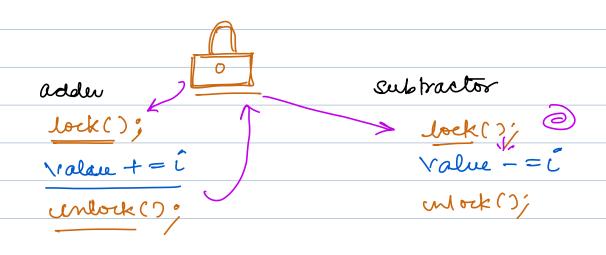


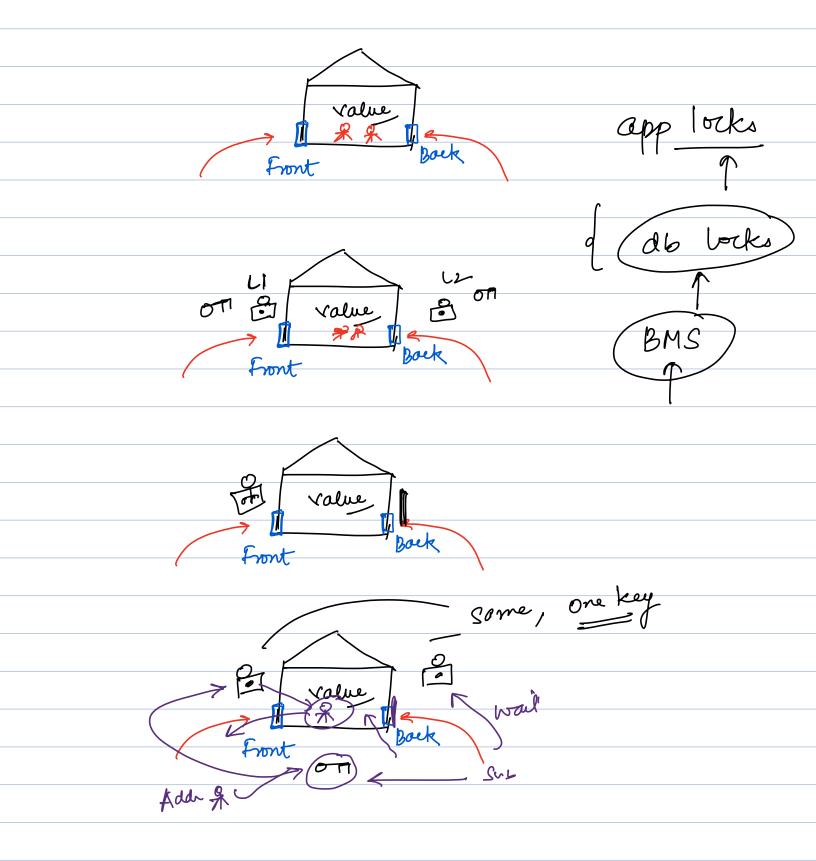


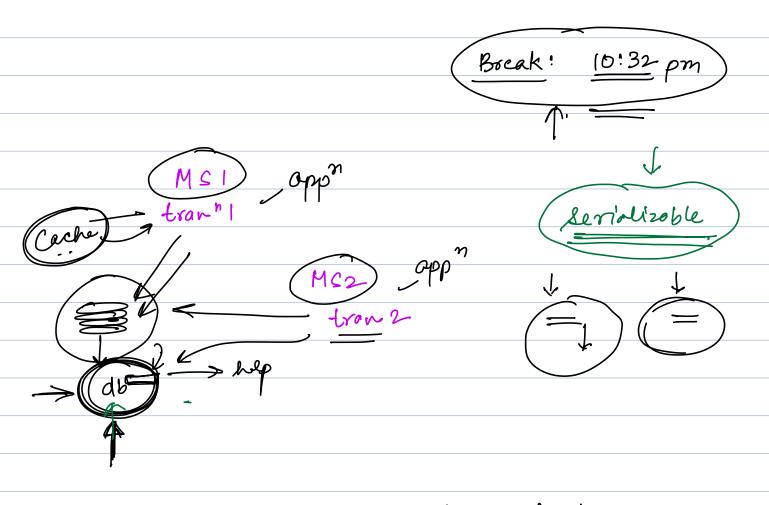
Mutex: Mutual exclusion



Locks -> allows one thread to enter in the critical section







cache -> key-value - Hashmap J concurrent Hashmap J synchronised ---- object has enfrinsk bok for (i=0 ->100) lock a lock (); value +=c; (ock-unlock();

for (i=0 ->100)

d

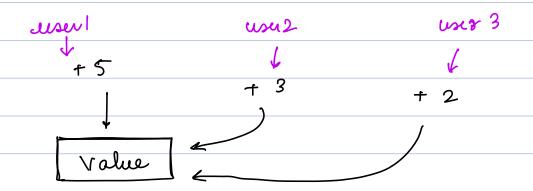
Synchronized (value)

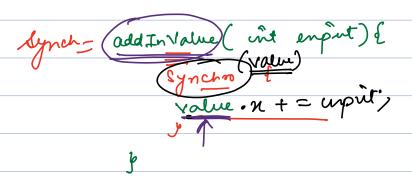
Value +=i;

p

,

- fin () { Synchronized methods class abc & synchronised void do Sometting () { x = new Abc(); It takes a Abc





value. add InValue

clas Colculator & Cal a = new Calculator (); Synchronical voice add (); Calculator (): (I) a.add(); a. add (); (Cord subtract()) 1 want a. add (); a·multiply () syndronie void multiply (); (lock on a wait j a. ada () j a. subtract () b-add() a-add() 1 look on 6 diff locks de le bare reffig to some obje a-subtract() a. add() look on a