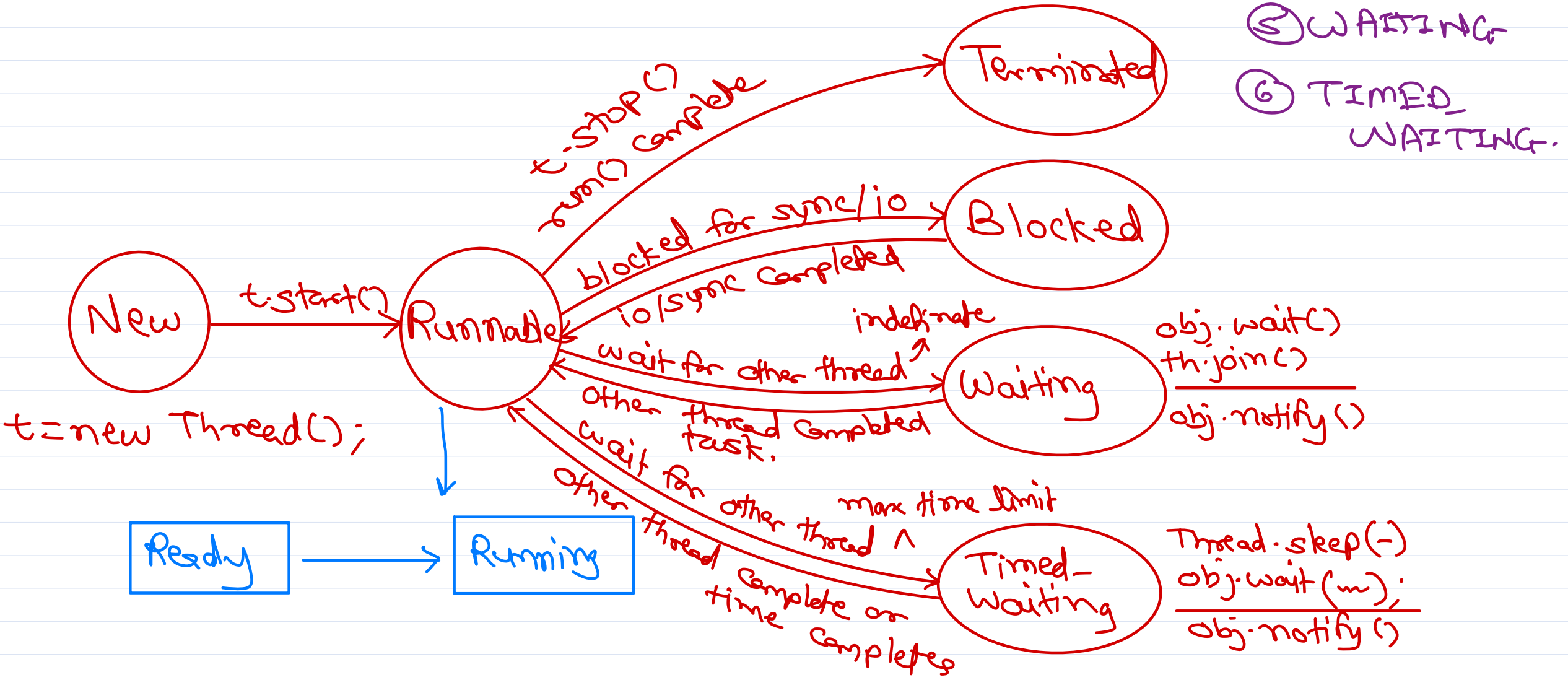
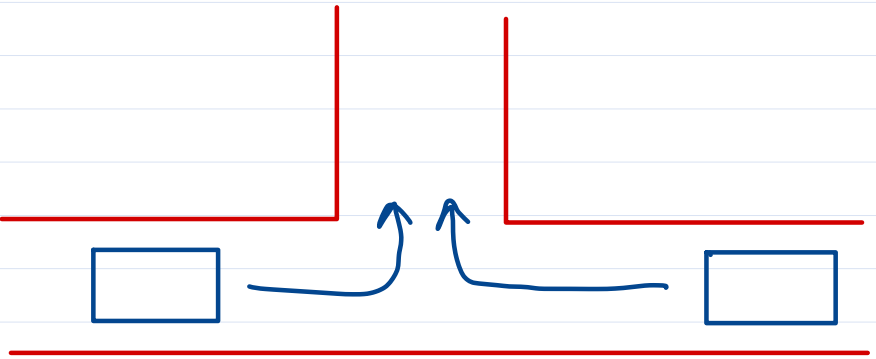
Core Java

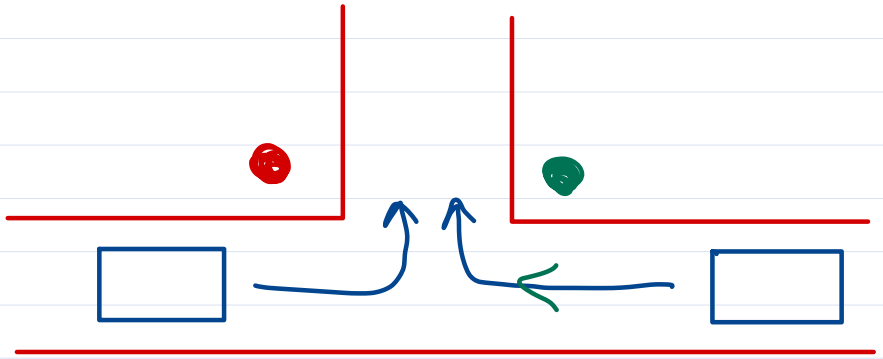
Trainer: Nilesh Ghule

Thread.State enum: ① NEW ② RUNNABLE ③ TERMINATED ④ BLOCKED ⑤ WAITING ⑥ TIMED_WAITING.





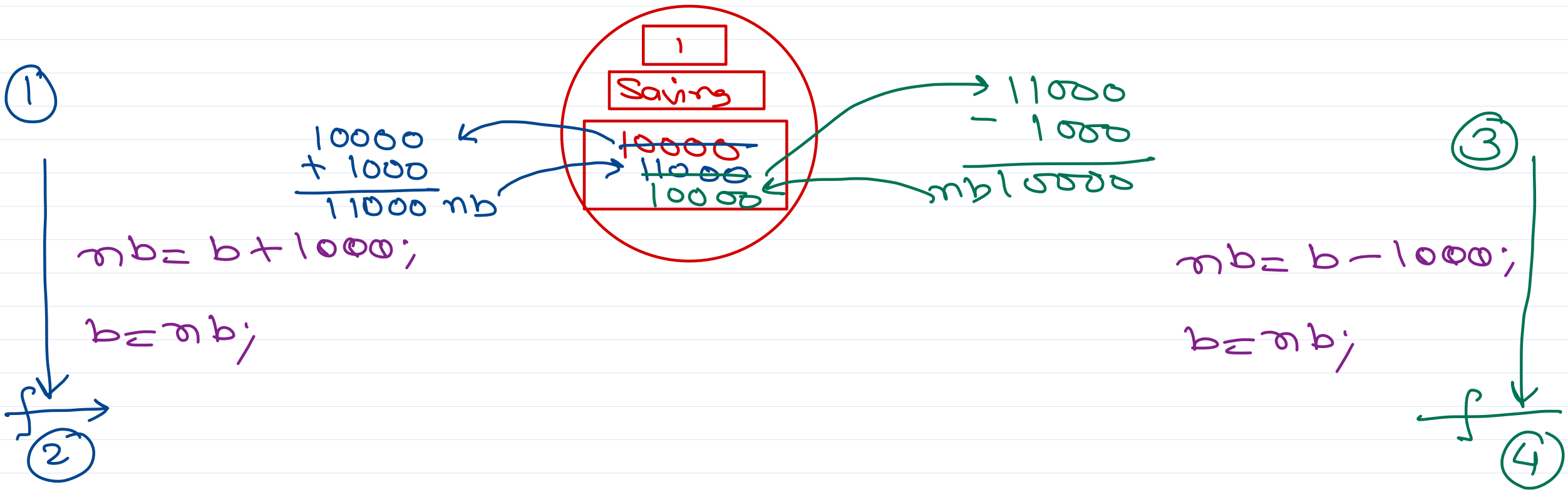
Race Condition



Synchronization

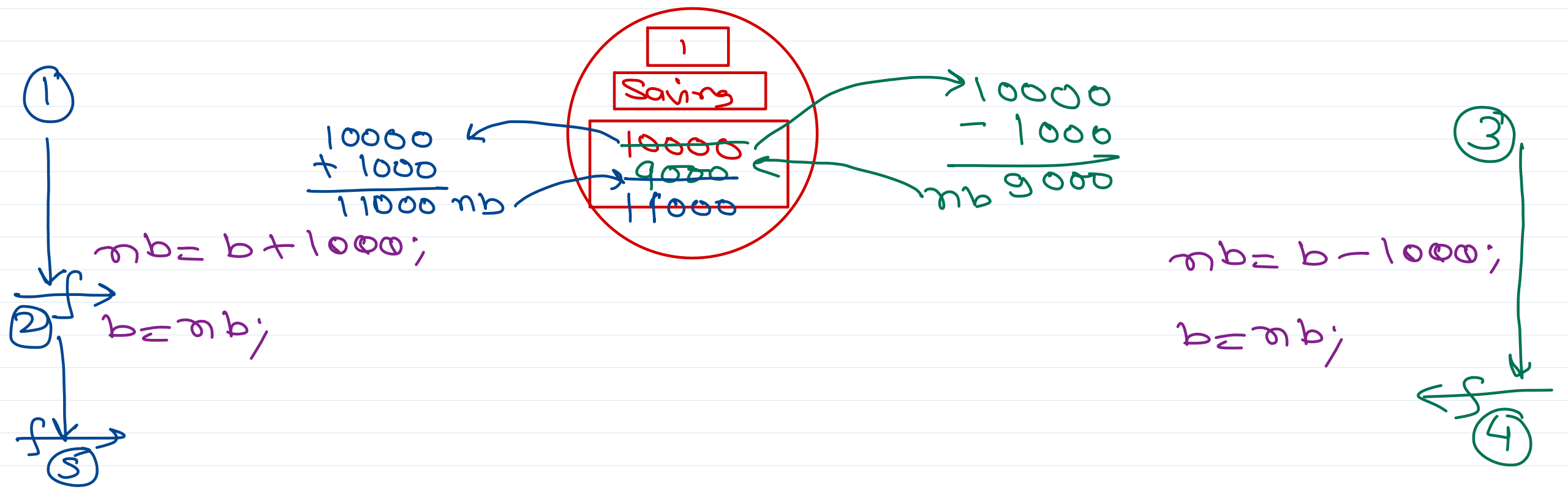
deposit

withdraw



deposit

withdraw

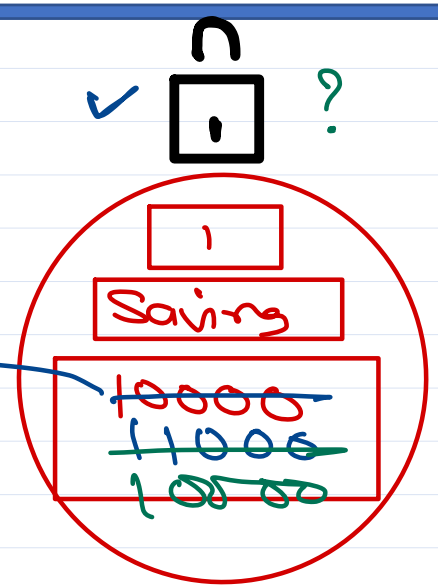


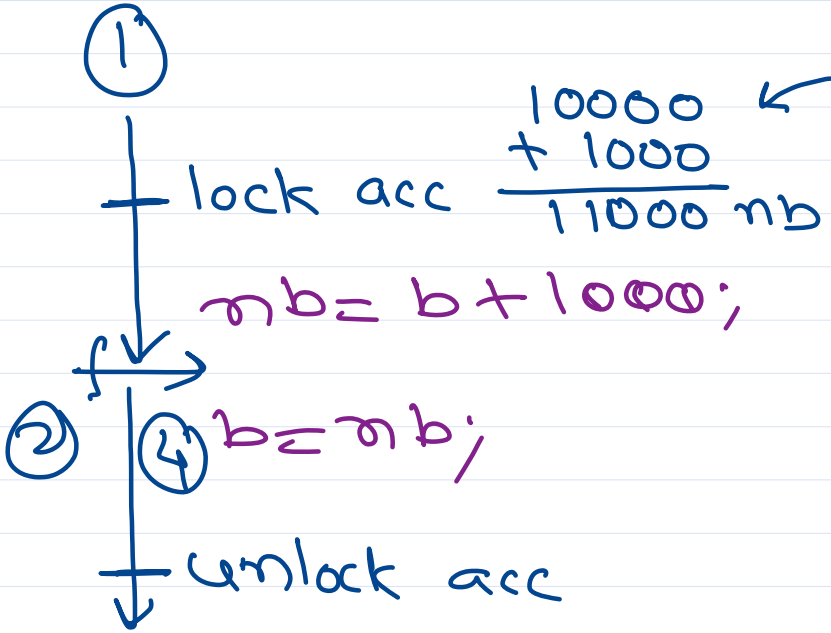
SUNBEAM
x

INFOTECH
x

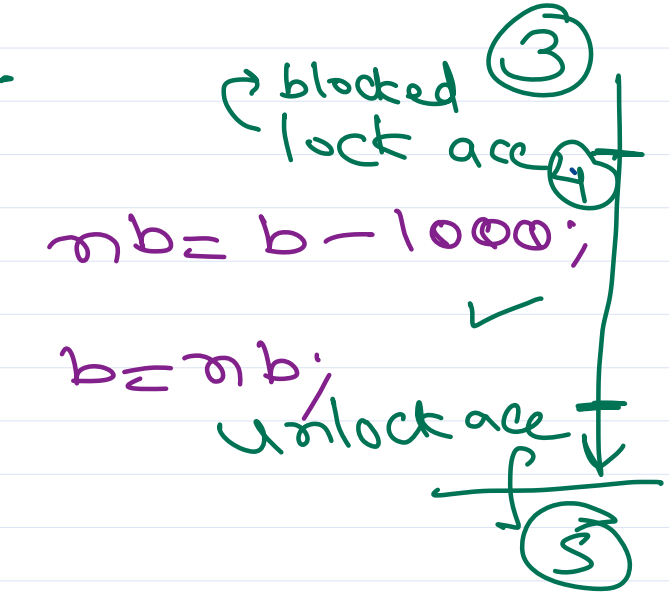
deposit

withdraw

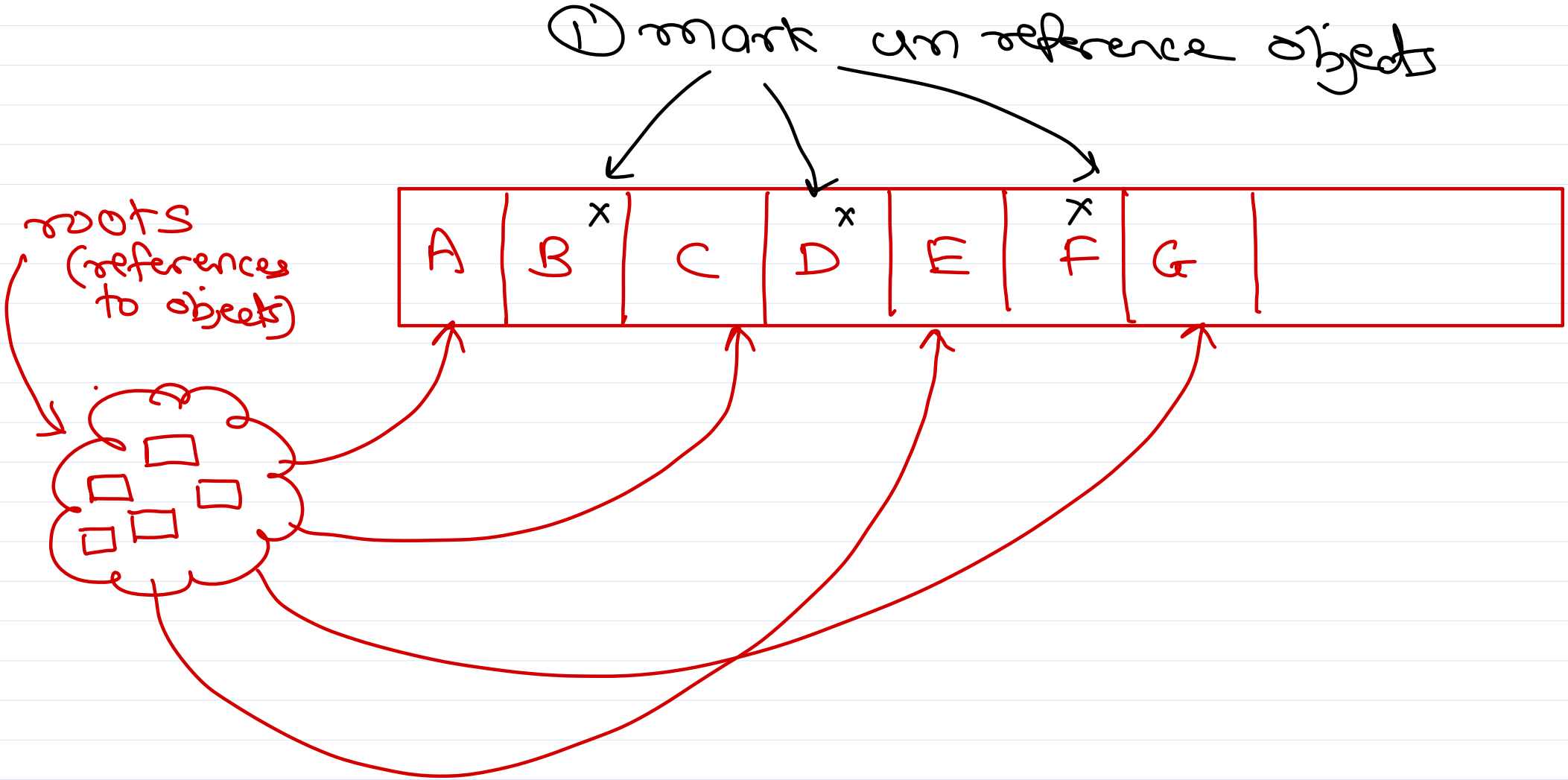


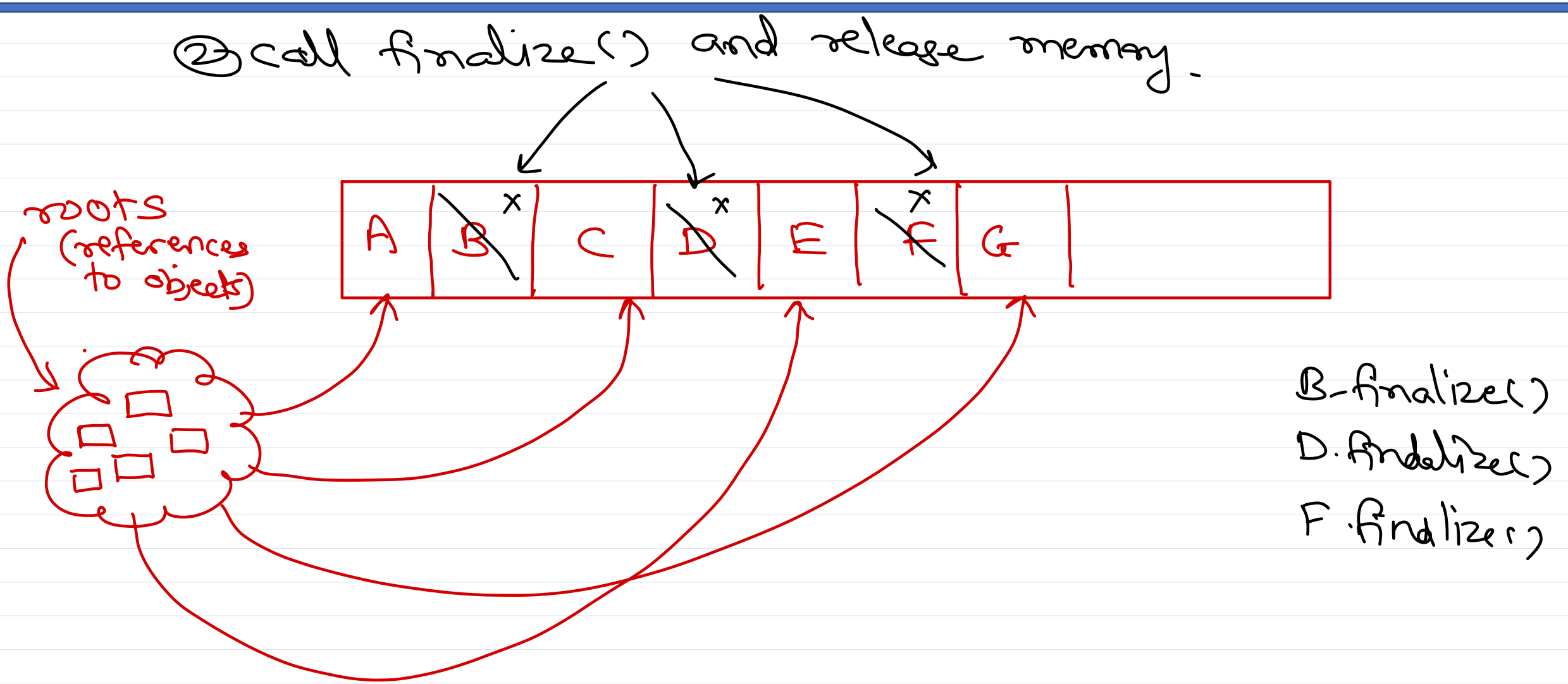


11000
- 1000
nb 10000

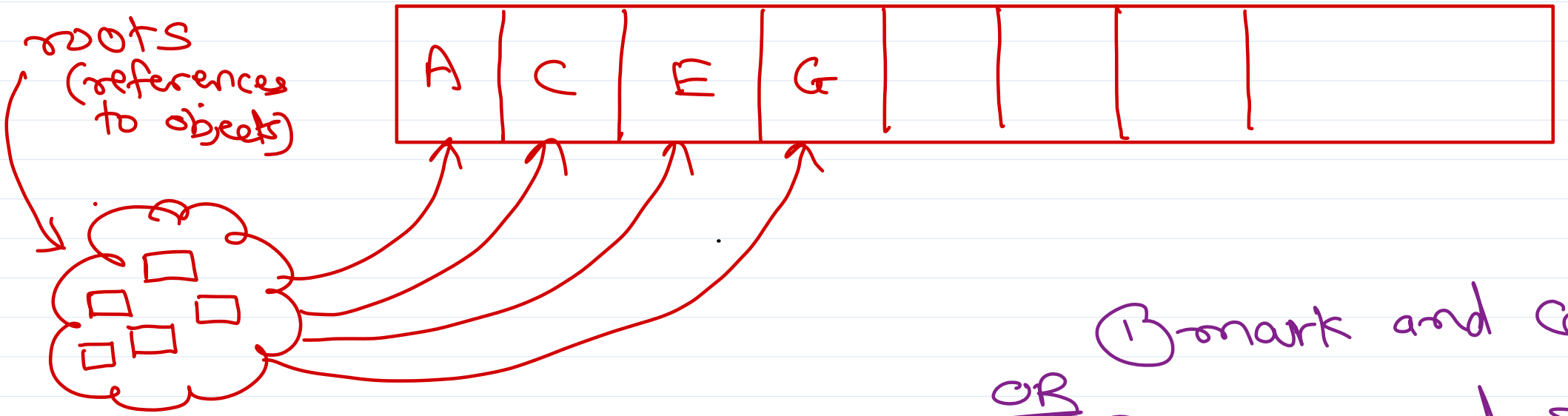



```
synchronized(acc)
{ // lock
  =
} // unlock
```


1) mark un reference objects
roots (references to objects)
A
B
C
D
E
F
G
x
x
x


② call finalize() and release memory.
roots (references to objects)
A
B
C
D
E
F
G
B-finalize()
D.finalize()
F.finalize()

② Compaction



① mark and compact

OR

② mark and sweep

Thank you!

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