Threads & Locking

balance ++

balance = balance +1

TI

Balancetl

Put Riin heap

Put Riin heap

balancet! $R_1 = 1$

balance in heap=1

balancet (R = 1

balanceinheap=1

What we need is a lock

We need to lock code So only one thread can update the heads at a fine.

In Java, there are Thread Safe classes that you should use.