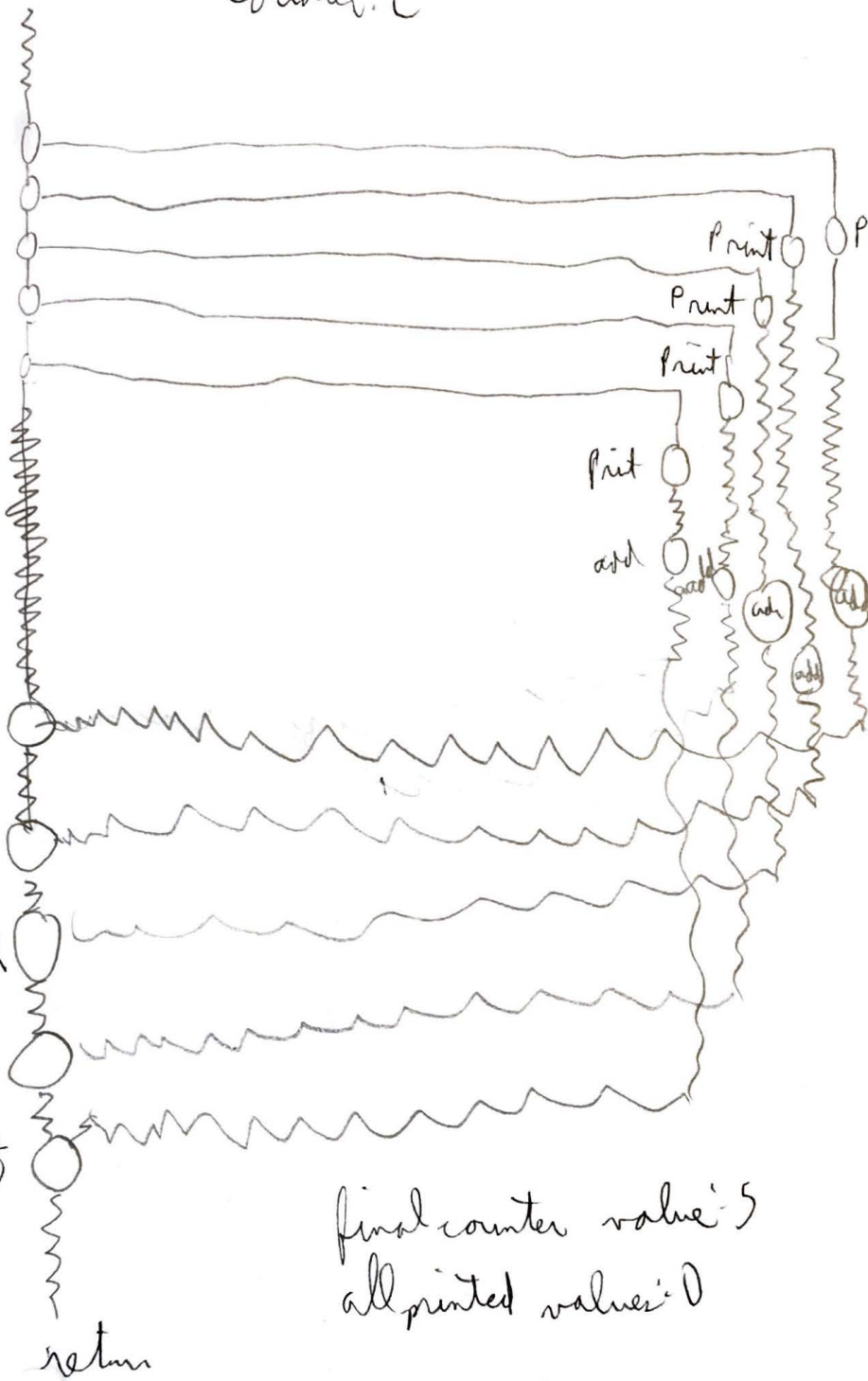


Counter: C

make child 0  
make child 1  
make child 2  
make child 3  
make child 4

merge child 0  
merge child 1  
merge child 2  
merge child 3  
merge child 4



[all printed 0]

final counter value: 5  
all printed values: 0

return

2) The threads share the heap segment as the final counter is 5.

3) The evidence that the threads run concurrently is in the output. Although the final value of the counter was 10, the printed counter ranged from 0 to 9 with repeats [there were 4 x 0s and 2 x 2s], showing there are synchronization errors.