Lab 7

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Exercise 1:

- The expected output of the program is thread 0 count 0-4. Then thread 1 count from 5-9 …
- The output is the different threads are counting in random order. Count 0 may be thread 3 and count 1 may be thread 2. Random
- The output is a result of no lock. Lock means the thread can finish its job before the next continues. But without, the threads are not given the time to do its job before the next.

Exercise 3

- The expected output should be hello from thread 1. Then count from 0-9 with the id of the thread in printf. Then thread 2 should run and count from 9-14 with the id of the thread included in the printf. Then they are both done. Last printf should be “I am Thread 0”.
- They print in random order from 0-14. There are no locks
- The difference is that is is counted 10 less times. And there is a difference in the amount of threads. And it goes in order. Thread 1 before thread 2 because thread 2 will wait for thread 1.