Pthread Mutex Observation

1. The program creates 4 threads, each of the threads count to 10 and put together they count to 40.

Thread #3 count = 1

Thread #3 count = 2

Thread #3 count = 3

Thread #3 count = 4

Thread #3 count = 5

Thread #3 count = 6

Thread #3 count = 7

Thread #3 count = 8

Thread #3 count = 9

Thread #3 count = 10

Thread #2 count = 11

Thread #2 count = 12

Thread #2 count = 13

Thread #2 count = 14

Thread #2 count = 15

Thread #2 count = 16

Thread #2 count = 17

Thread #2 count = 18

Thread #2 count = 19

Thread #2 count = 20

Thread #1 count = 21

Thread #1 count = 22

Thread #1 count = 23

Thread #1 count = 24

Thread #1 count = 25

Thread #1 count = 26

Thread #1 count = 27

Thread #1 count = 28

Thread #1 count = 29

Thread #1 count = 30

Thread #0 count = 31

Thread #0 count = 32

Thread #0 count = 33

Thread #0 count = 34

Thread #0 count = 36

Thread #0 count = 37

Thread #0 count = 38

Thread #0 count = 39

Thread #0 count = 40

Final count = 40

1. The program isn’t functioning correctly because it still has busy waiting.
2. The program has busy waiting which requires a mutex to fix.

