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Assignment 2 Writeup

For the total execution time of part A of the project, there was a significant increase in execution time as the number of threads being created was increased, but for Part B, since the cpu doesn’t wait while the threads are all busy waiting, the program executes much faster.

For Part A, the avg handover time between threads was much larger, but the results were variable, probably due to issues with the timing part of the code. For Part B, the handover time was much smaller, which was expected since the semaphores make it much quicker to hand off the thread to the next one.