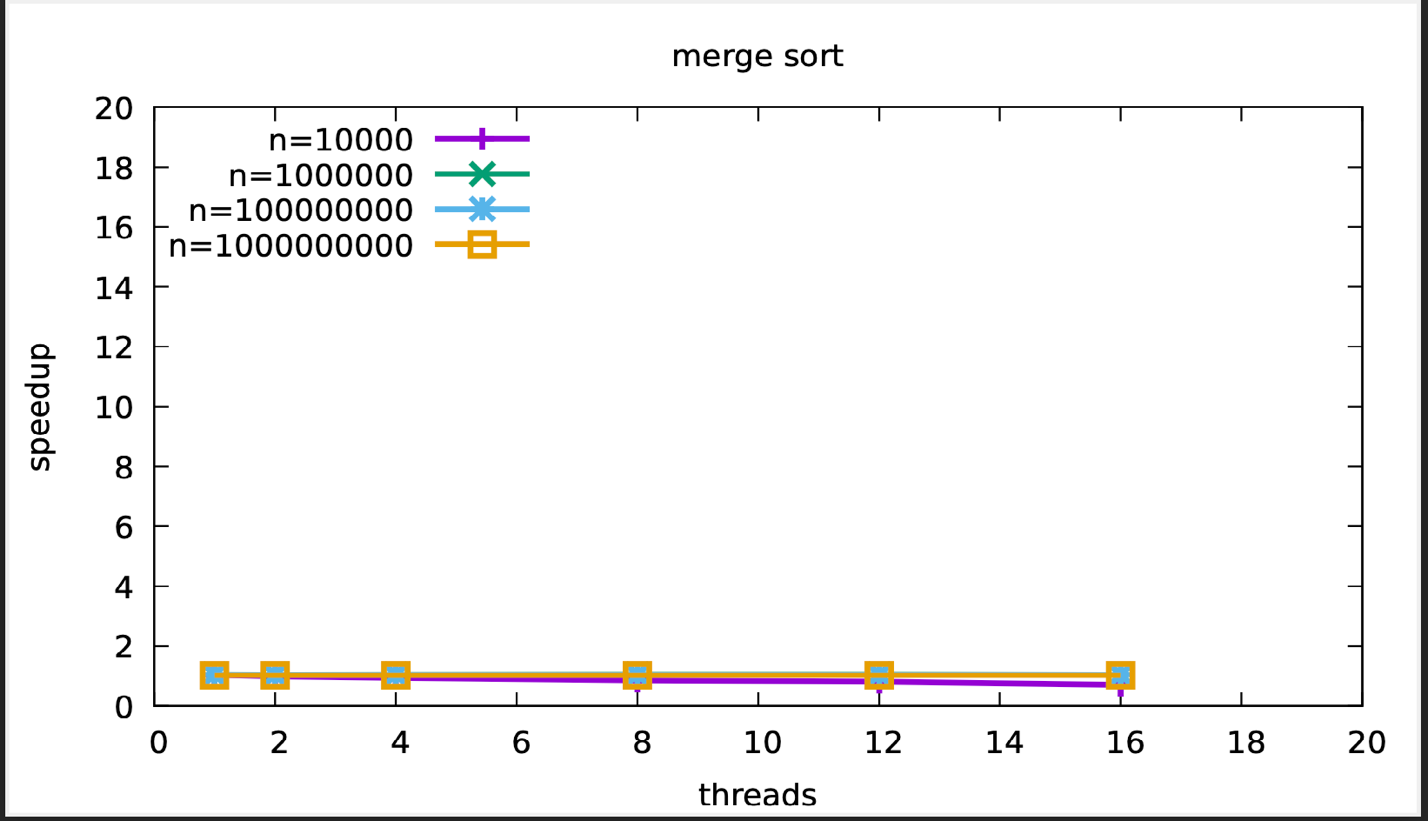
Merge Sort Reflection

As of now, my merge sort graph is looking flatter than a flat-earther’s worldview. I was able to get the merge sort algo into an iterative form, but frankly that’s about it. I can see from the tests that I’ve been running that the more threads that are fed into to the parfor construct, the longer it takes to finish them, which means that the threads aren’t taking chunks of the data, they are each running the full range of data every time. I’m really struggling to figure out how to use the omploop.hpp construct with multiple threads, and how to dynamically assign chunks of data to the threads. I understand what needs to be done from a high level, but the class videos and slides aren’t really helping me understand how to utilize parfor construct we’ve been given, and honestly I’m just at a loss as to what to do at this point.



The following is a plot I generated experimenting with different openMP directives, which I think is out of the scope of what we’re supposed to be doing for this assignment, but I wanted to see if I could make a pretty graph… Well, I didn’t succeed. In fact, it ran slower with one thread than my original attempt.

