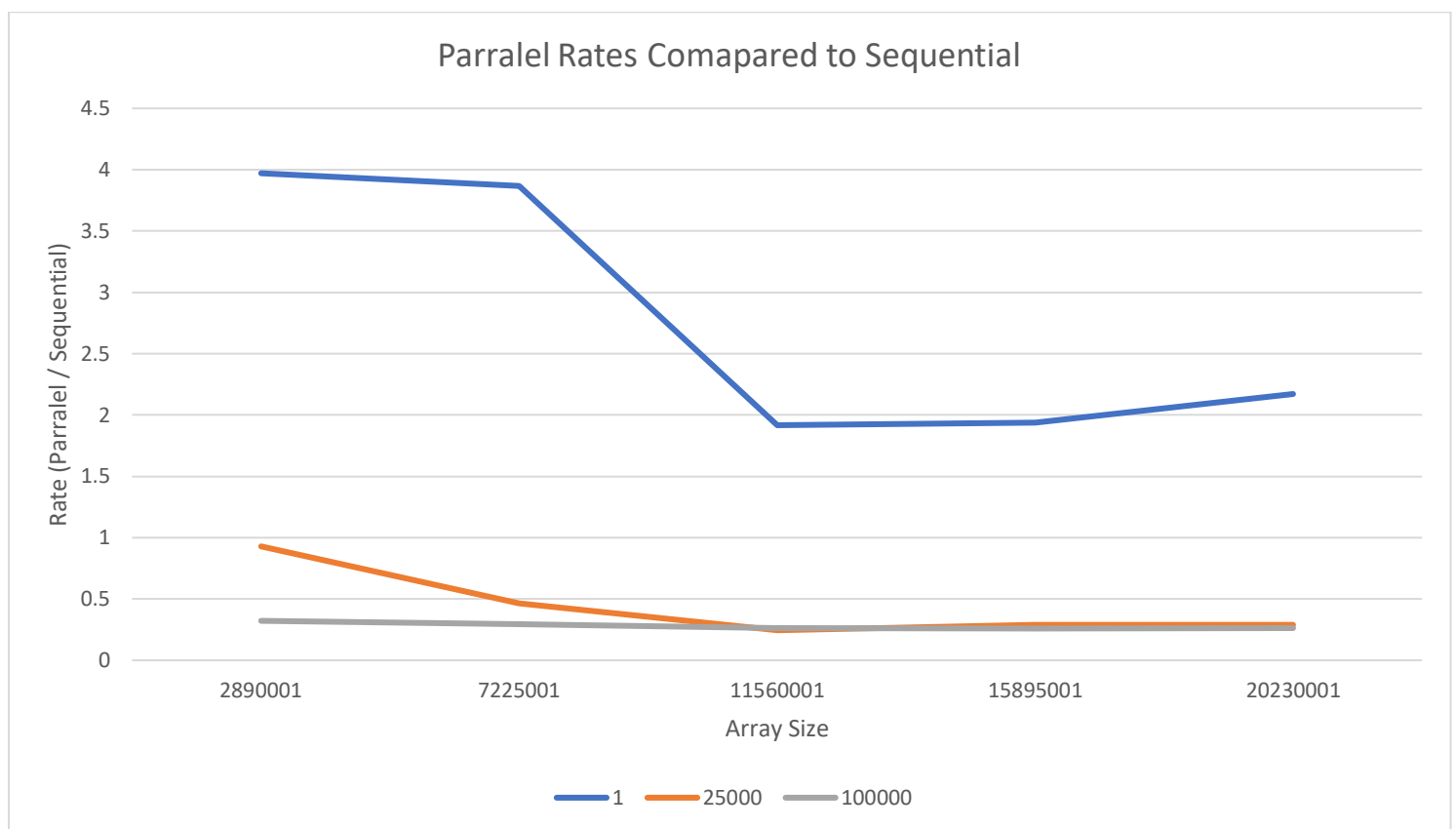
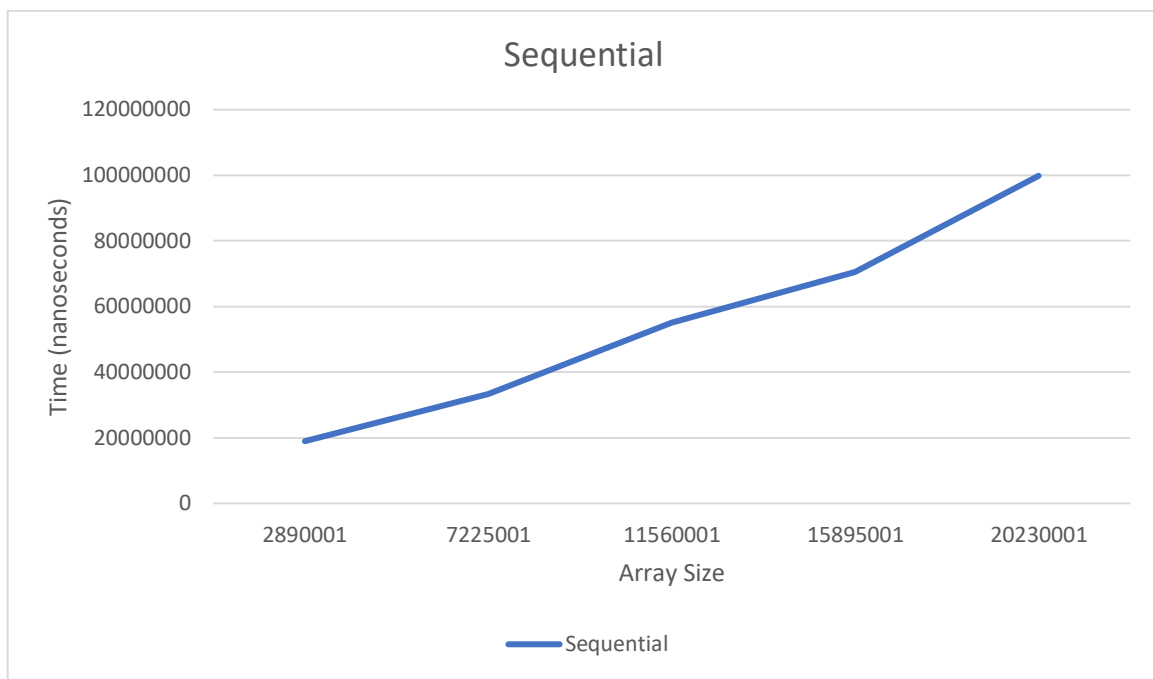


CountStringsFJ

By using parallel programming, as opposed to the sequential approach, with the right threshold (the best I found was 25,000), I was able to **triple** the speed of my algorithm for very large array values. Considering that there are 8 processors on my computer, merely tripling the speed does not achieve a linear speed up of the program. The reason why I wasn't able to achieve linear speed up is probably due to the fact that the sequential approach for this program is already very simple and it processes the whole array very quickly, therefore with all the overhead necessary for creating new threads it makes it very difficult to process the whole array much faster than is already done in the sequential approach.