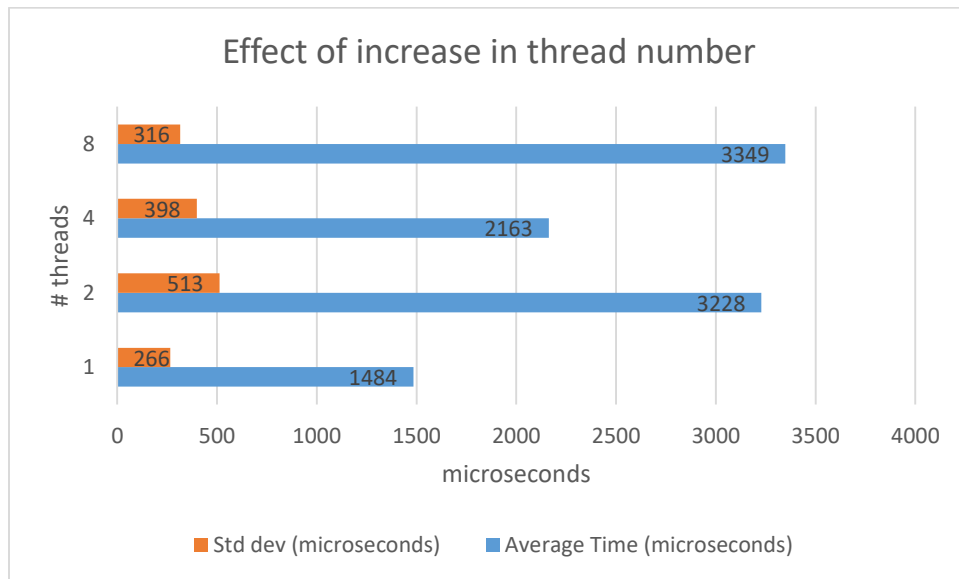


Parallel Search and Sort

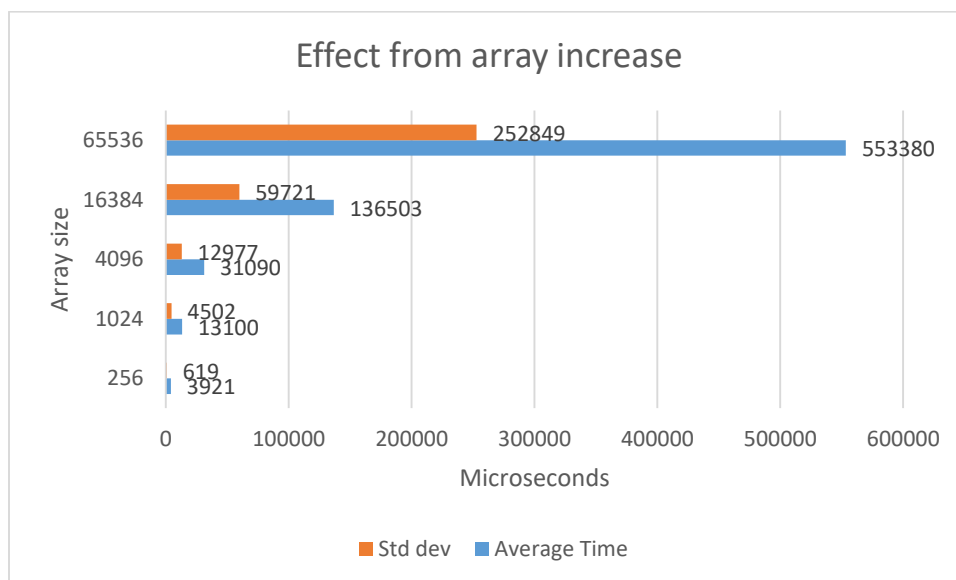
Daniel Oliveros, A02093272

For parallel search, I first tested how runtime was affected by the increase in number of threads. The size of the vector was 256.



There was a variation in runtime depending on how many threads were working on the search. No pattern was determined using my program.

Next we will look at an increase in vector size. The number of elements will be increased by a factor of 4 for each test. This test was performed using 4 threads.



There was about a linear increase in runtime based on the array's size. The standard deviation also varied in a similar ratio.

I had various issues with running my quick sort. This made it impossible to measure times consistently.