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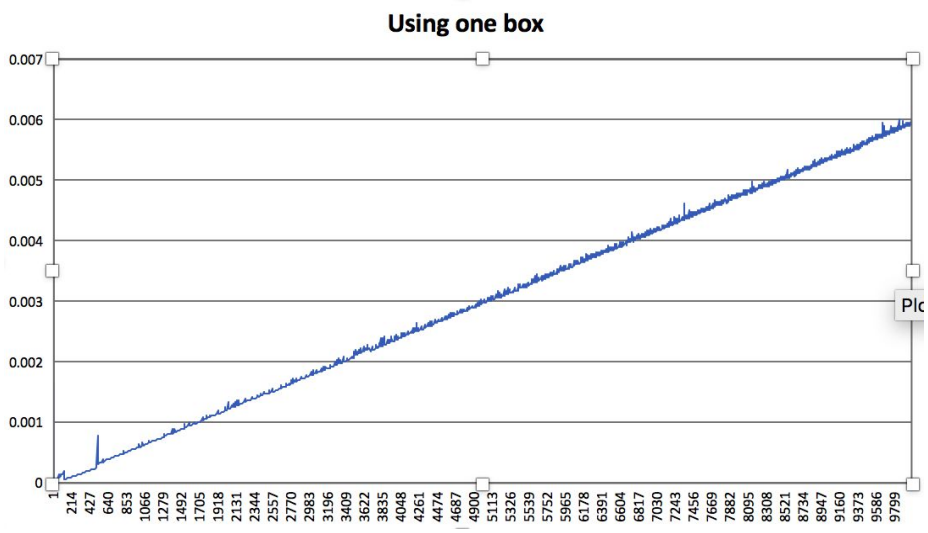
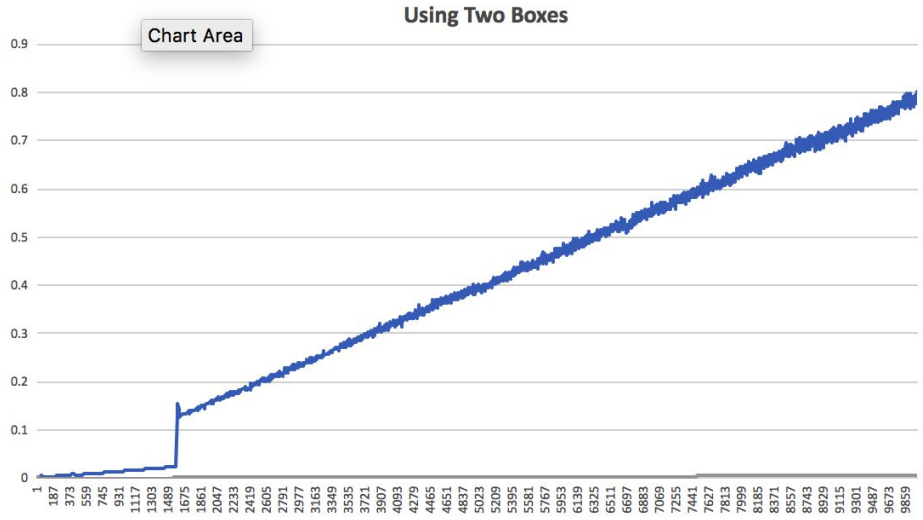
PA1 Report
Ping Pong

For project 1 in Parallel computing, we had to send and receive messages to processors on both on box and between two boxes. The code using the MPI library using messages like MPI_Send and MPI_Recv to pass messages. MPI_Send will send data to its counterpart whereas MPI_Recv will receive data from its counterpart. I used a variable called ping_pong_count to send back and forth through processors to keep track how many pings the processors were doing. Two pictures below plot the times. The top one is on one box and the other is between two boxes.





For the second graph things had more static than the top one. I believe it is due to the buffers. I am very confident in these findings considering the line is pretty linear. The code wasnt doing much but recording time so these findings are what I expected.