ECE 432 Lab exercise - 4

Fall 2017

Exercise:

(a) Write a program that calculates the time needed to send n messages that contain one double number each, from process 0 to process 1.

(b) Write a program that calculates the time needed to send 1 message that contains n double numbers, from process 0 to process 1.

(c) Compare the times of (a) and (b).

n should be given by the command line e.g. mpiexec –n 2 ./program <number of doubles>