

1. Implement a revised version of Program 3.2: Trapezoidal rule to get input from the user.
2. Use MPI\_Reduce to rewrite the collective communication part of Problem 1.
3. Use MPI to implement the histogram program discussed in Chapter 2. Have process 0 read in the input data and distribute it among the processes. Also have process 0 printout the program.

Note: All programs have to be presented to the instructor on the class of due date.