Parallel Programming

Familiarization Assignment

The objective of this assignment is to become familiar with the PVM or MPI environment.

Choose whether to use PVM or MPI. From the UNCC Computer Science Parallel Programming home page (http://www.cs.uncc.edu/par_prog), download into your home directory the sample program for adding numbers (master and slave) found under: Sample Programs in the Table of Contents. How to download the program is explained with the program.

1. Follow the procedures to compile and execute the program in a PVM or MPI environment. Use a single computer.

2. Modify the program to find the maximum number of the set of numbers being added.

3. Submit email copy to Instructor. Include the modified code, the results of the program, and a one page description of the work.