COMP 322: Lab 7: Basics of Command Line and Unix and Familiarity with Phasers

February 25, 2015
Goals

- Familiarity with the command line on Unix shells.
- Increase familiarity with phasers - OneDimAveraging.
MAC, Linux users -> Use Command prompt
Windows users -> Install Cygwin (Standard linux environment for windows users)
Three basic elements: command, options, and arguments.
Files, Directories
Symbols -> /, . , .. ,
Operation on files and directories

- Creation -> mkdir, touch
- Editing -> rm, cp, mv
- View -> ls, pwd, less, cat, man
- Search -> grep, awk, find
The code in OneDimAveraging.java performs the iterative averaging computation discussed in the lectures.

Your task is to create a more efficient phased version of runSequential() by using point-to-point synchronization with phasers instead.