Objective
Learn about and practice multithreaded programming.

Prerequisites (to be covered in class or through examples in on-line documentation)
HW – We assume a basic multiprocessor with shared address space.
Programming – Basics of PThreads: create, passing parameters, join, sync, barrier.

Assignment

Lab setup
After spring break you will be back to writing high-performance code this time using eng-grid.
For this week you will probably want to use interactive programming, probably in 307 since the machines are quad core. But any multicore processor with a standard Linux environment is OK.

To do: the tutorial in pthreads_tutorial.pdf.

To be handed in: as specified in the "Tasks" -- answers to questions, modified code, etc.