## CS613 Spring 2012 Homework 3

- 1. A particular program consists of 20% "non-parallelizable" code. The remaining 80% can be parallelized by use of multi processing. What is the maximum speedup (versus a single-processor system) that we could achieve by executing this program on a 1000-processor system.
- 2. In your own words, explain the 3 elements of the definition of a Coherent Memory System.