Fundamentals of Computer Programming 2
Practice Problems – January 31, 2003

Instructor: Ravi Kant   Ryerson 177   e-mail: `ravikant@cs.uchicago.edu`
Office Hours : Wed, Fri : 1:00PM - 1:45PM

TA: Xiaofei He   Eck 2-B   e-mail: `xiaofei@cs.uchicago.edu`

Practice problems for today :

1. Write a program that takes as input a set of names and converts them into the standard format, with the first letter of the name in upper case and the rest in lower case (if it is already in standard format, do nothing).

2. Write functions for the following tasks

   (a) Calculate the largest prime divisor of a number.

   (b) Calculate the number of prime divisors of a number.

   (c) Generate the prime number decomposition of a number.

   Try to organize your functions to do the above tasks in the most efficient way you can think of.