

## Fundamentals of Computer Programming 2

### Practice Problems – February 3, 2003

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

TA: Xiaofei He   Eck 2-B   e-mail: [xiaofei@cs.uchicago.edu](mailto:xiaofei@cs.uchicago.edu)

Practice problems for today :

Write a program that creates an array of the structure student (that was discussed in class). Also write functions to

1. sort this array in alphabetical order (of student names)
2. sort it in decreasing order of scores.
3. calculate the mean score and the standard deviation.
4. search the array for the score of a student. (return -1 if the student is not in the list and the student's score otherwise)