

**CPSC 601: Programming with C & Java  
Spring 2009**

**Homework 2**

February 5, 2009

**Due date and time:** 3 p.m. Thursday February 12, 2009

This set of homework consists of three Exercise problems from the textbook Chapter 3, and two from Chapter 4, totaling five problems.

Your program should have a head comment including problem number, a short description of the problem, and your name, and an appropriate amount of comments throughout the program. Also, your program should have a well thought-out logic and the program should be neatly coded.

- Chapter 3:
  - 3.10 [Each version is worth 10 points, totaling 20 points.]
  - 3.20 [10 points]
  - 3.24 [20 points. The *Hint* is not only a hint but also a requirement. Your program should explore the *macro* functionality by use of `#define`.]
- Chapter 4:
  - 4.2 [20 points]
  - 4.9 [20 points]