

**Concordia University
Department of Computer Science
and Software Engineering**

**Introduction to Programming
COMP 248 --- Winter 2006 --- Section U**

Assignment #5

Deadline:	Friday April 14 th , 2006
Evaluation:	3% of final mark
Late submission:	not accepted
Teams:	this is an individual assignment
Purpose:	to help you practice the material presented in Chapter 5-6

Exercises

1. Solve Programming Project #1 on p. 332 of the textbook.
2. Solve Programming Project #6 on p. 334 of the textbook. Also do "Part Two", but do not do the "Alternate Part Two".
3. Solve Programming Project #6 on p. 417 of the textbook.
4. Solve Programming Project #8 on p. 418 of the textbook.

Evaluation Criteria (for each individual exercise)

Comments: 6 pts	
Description of the program (authors, date, purpose):	2 pts
Description of variables, constants and algorithm:	4 pts
Programming style: 8 pts	
Use of constants where necessary:	2 pts
Use of significant names for identifiers:	2 pts
Indentation and readability:	2 pts
Simplicity of the algorithm:	2 pts
Results on test data and on unseen data:	<u>6 pts</u>
Total	20 pts

Submission Procedure

When you are finished all programs, you should submit a paper version and an electronic version of your java source files. **Both** the paper **and** the electronic submission must be on time; otherwise, the assignment will be considered late.

1. Paper submission:

- Fill out an expectation of originality form (given to you in class or available on the Web page).
- Print all your source code (the `.java` files).
- Print a screen shot of your output with the data given above.
- Staple everything together and give it to your instructor in class. If you cannot give the assignment in class, go to the Department of Computer Science and Software Engineering secretary desk in EV3.139, ask the receptionist to write the date and time on your assignment and initial it, and put the assignment in your instructor's assignment submission box, located in EV3.414.

2. Electronic submission:

Create one zip file, containing all source files for your assignment. The zip file should be called `assignment#_studentID`, where # is the number of the assignment and `studentID` is your student ID number. For example, for the first assignment, student 123456 would submit: `assignment1_123456.zip`. Use the Electronic Submission Form to upload your zip file. Go to the following URL, fill-in the form, and submit your file: <https://eas.encs.concordia.ca/eas/authentication.jsp>,