

60-100 INDIVIDUAL ASSIGNMENT #3 (Fall 2011) (Due Thursday/Friday 6<sup>th</sup>/7<sup>th</sup> October 2011)

You must end your answer sheet with “I declare that this is my own work”, followed by your signature)

Make sure that you include your name and the assignment number at the top of your answer.

**Note that this assignment is revision for the first class test to be held on Saturday October 1<sup>st</sup> at 12:00 noon to 2:00 pm in Room 1120 Erie Hall.**

You should try and complete the assignment before the class test. However, you do not need to hand the assignment in until the week after the test. All you need to hand in is the answers to items 3), 4) and 5) below. Note that these answers are available on the course web site, but you should try and work out the answers for yourself before looking at the website. Clearly, this is an easy assignment to get full marks. However, you will really benefit in the class test if you try to answer the questions yourself before checking your answers against the website.

- 1) Read through the notes on pages 9 to 15 from the notes.
- 2) Look through the slides for lectures 6 and 7.
- 3) ANSWER all questions from CLASS TEST# 1 – 2010 (see back of notes)
- 4) ANSWER questions 2.1 to 2.5 from CLASS TEST # 1 – 2006 (see back of notes).
- 5) ANSWER all questions from CLASS TEST # 1 – 2005 (see back of notes) Note that you have already done some of these questions in the group assignments.
- 6) Check your answers against the answers on the course web site, available from the link: “Answers to previous first class tests”. Note that the answers to Class test#1 2006 will be made available on Friday afternoon (after 2:30pm).
- 7) Correct your answers if they are incorrect. **NOTE that the answers given on the website are not the only correct answers. If your program runs and gives the correct result (and uses the technique stated in the question – e.g. “use recursion” or “use a list comprehension”, etc.), then your answer is correct.**