

CIS*2520 Data Structures

Fall 2014

Assignment 2 Guideline

Assignment 2 is due on Tuesday October 14, 2014.

Create two C files for the two questions respectively, for example, *q1.c* and *q2.c*. Create a makefile for compiling the programs. The makefile should be able to generate two executable files, for example, *q1* and *q2*. Your submission may include something like *readme.txt*, *q1.c*, *q2.c*, *makefile*, and the data file for initializing and/or restoring the lists.

Any compilation error or warning will result in a mark deduction appropriate to the severity of the error. There will be some marks allocated for style and documentation, but the majority will be for the execution of the programs. Each file should have a comment at the beginning containing your name, id, the date, and the assignment name.

For the readme file, it should contain the following:

- name, id and assignment number.
- a brief description of how to run each program, e.g. any command line arguments needed.
- sample output demonstrating the proper functioning of the program.

For each of the C files, any function should have a brief comment describing its purpose. Also, any section of code where it is not easily apparent what the code does should have a short comment. Dont forget indentation.

Note: In completing the assignment, you are encouraged to find information from the Web. However, if you borrow an idea from a Web site, you have to cite it. Using an idea from a Web site without properly citing it may be considered academic misconduct.