



HOMEWORK - SPRING 2025

Programming Assignment 7 - GRADING KEY

1. (17 points) Documentation and coding style:

- Name, ID number and recitation at the top of ALL java files [2 points]
- Precise and correct specifications [5 points]
- Indentation [3 points]
- Variable names [2 points]
- Javadoc Style documentation *(see NOTE). [5 points]

NOTE 1: You only need to submit your .java files. We will use the javadoc *.java command to create the javadoc files.

NOTE 2: YOUR ASSIGNMENT WILL NOT BE GRADED if you submit only *.class files.

2. (28 points) Source code:

- Implementation done as specified. [8 points]
- Coding style: flexible, extensible, good use of methods and avoid duplicate code. [5 points]
- Throws an exception back to the calling method(s) if a precondition is violated. [4 points]
- Programs compiles without any errors. [11 points]

3. (55 points) Program correctness:

- Program creates initial graph object from text files on startup [5 points]
- Program properly serializes and deserializes data [5 points]
- LR - List all recipients [5 points]
- LO - List all donors [5 points]
- AO - Add donor [6 points]
- AR - Add recipient [6 points]
- RO - Remove donor [7 points]
- RR - Remove recipient [7 points]
- SR - All sorting options work correctly (1 pt/ea) [4 points]
- SO - All Sorting options work correctly (1 pt/ea) [4 points]
- Q - Quit [1 point]