

CS310 Data Structures
Java Programming Assignment 3 Rubric

Java Program:				
Rating Category	Exemplary	Partially Proficient	Basic (needs work)	Not Demonstrated
Donor Node Class	The program correctly implemented a donor node class with all necessary methods.	There are some minor errors.	There were major errors.	This class was implemented incorrectly, or not implemented at all.
Pts	10	9 - 7	6 - 2	1 - 0
Donor Log Implementation	The program correctly modified this class to use an ordered singly linked list for donors.	There are some minor errors.	There were major errors.	This class was implemented incorrectly, or not implemented at all.
Pts	15	14 - 11	10 - 2	1 - 0
Donation Log Implementation	The program correctly modified this class to use the Java Collection Linked List and an Iterator for donations.	There are some minor errors.	There were major errors.	This class was implemented incorrectly, or not implemented at all.
Pts	15	14 - 11	10 - 2	1 - 0
traverseDisplay methods	Traversal methods were correctly implemented within the Donor and Donation implementations.	There are some minor errors.	There were major errors.	These methods were implemented incorrectly, or not implemented at all.
Pts	10	9 - 7	6 - 2	1 - 0
cleanUp methods	CleanUp methods were correctly implemented within the Donor and Donation implementations.			These methods were implemented incorrectly, or not implemented at all.
Pts	10	9 - 7	6 - 2	1 - 0
Print Implementation	The program correctly modified this class to use the implemented linked lists and to write the report to the filename given as a parameter.	There are some minor errors.	There were major errors.	This class was implemented incorrectly, or not implemented at all.
Pts	10	9 - 7	6 - 2	1 - 0
main class	Correctly instantiated the implementations, populated the lists, displayed the lists, and generated the reports.	There are some minor errors in the main class.	There were major errors, or missing methods.	The main method did not run.
Pts	5	4	3 - 2	1 - 0
Documentation	The program is well documented and clearly describes the purpose of the code.	Most of the documentation describes the purpose of the program and the comments are somewhat helpful.	Parts of the documentation / comments are helpful.	No documentation / comments are visible or the documentation is not helpful in describing the program.
Pts	10	9 - 7	6 - 2	1 - 0
Input data files/Testing	Input data files tested all possible paths within the program code, and code passed all tests.	Input data files missed one or two necessary tests, and/or code did not pass one or two tests.	Input data files missed many necessary tests, and/or code did not pass many tests.	Very little testing was done by supplied input data files.
Pts	10	9 - 7	6 - 2	1 - 0
Java Constructs / Readability / Miscellaneous	Demonstrates understanding of program structure. Code is organized and easy to follow, with no issues, and there is no unnecessary code.	There are minor construct, readability or other miscellaneous issues.	There are major construct, readability or other miscellaneous issues.	The code is extremely hard to read and follow.
Pts	5	4	3 - 2	1 - 0
Java Program SubTotal (any late points deducted will be based upon this subtotal)				
Deductions				
Delivery	Submitted on time	Submitted 1-2 days late (2% deducted per day late)	Submitted 3-5 days late (2% deducted per day late)	Not submitted within 5 days of due date
Deductions	0	-2% to -4%	-6% to -10%	-100% (no credit)
Unacceptable	Compiles without syntax errors.			Does not compile without
Deductions	0			-100% (no credit)
Points Total	100			