

**CS310 Data Structures**  
**Java Programming Assignment 6 Rubric**

<b>Java Program:</b>				
<b>Rating</b>	<b>Exemplary</b>	<b>Partially Proficient</b>	<b>Basic (needs work)</b>	<b>Not Demonstrated</b>
<b>Rating Category</b>				
<b>Node Classes</b>	The program correctly implemented the necessary node classes with all necessary methods.	There are some minor errors.	There were major errors.	These classes were implemented incorrectly, or not implemented at all.
Pts	10	9 - 7	6 - 2	1 - 0
<b>Donor Log Implementation</b>	The program correctly modified this class to use a binary search tree.	There are some minor errors.	There were major errors.	This class was implemented incorrectly, or not implemented at all.
Pts	15	14 - 10	9 - 2	1 - 0
<b>Donation Log Implementation</b>	The program correctly modified this class to use the TreeMap from the Java collection.	There are some minor errors.	There were major errors.	This class was implemented incorrectly, or not implemented at all.
Pts	15	14 - 10	9 - 2	1 - 0
<b>traverseDisplay methods</b>	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
<b>Print Implementation</b>	The program correctly modified this class to produce a donor tax deductible donations report.	There are some minor errors.	There were major errors.	This class was implemented incorrectly, or not implemented at all.
Pts	15	14 - 10	9 - 2	1 - 0
<b>main class</b>	Correctly instantiated the implementations, populated the binary trees, displayed the lists, and generated the report.	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
<b>Documentation</b>	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
<b>Input data files/Testing</b>	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
<b>Java Constructs / Readability / Miscellaneous</b>	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	10	9 - 7	6 - 2	1 - 0
<b>Java Program SubTotal (any late points deducted will be based upon this subtotal)</b>				
<b>Deductions</b>				
<b>Delivery</b>	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)
<b>Unacceptable Program</b>	Compiles without syntax errors.			Does not compile without errors.
Deductions	0			-100% (no credit)