**Scoring Rubric for Project 8: Containers**

*Due 11/21/2019 @ 3:30 pm*

|  |
| --- |
| Student Name: Nathan Carter |

|  |  |  |
| --- | --- | --- |
|  | **Score** | **Maximum** |
| **Execution (50 pts):** | | |
| Program compiles without errors (warnings are okay) | 50 | **50** |
| **Implementation (45 pts):** | | |
| Implements the Data class with at least 4 data members, overloads the output stream operator, and overloads the comparison operators (< or >). | 5 | **5** |
| Reads the dataset into Data objects then inserts them into STL Stack container properly | 10 | **10** |
| Reads the dataset into Data objects then inserts them into STL Queue container properly | 10 | **10** |
| Reads the dataset into Data objects then inserts them into STL Priority Queue container properly | 10 | **10** |
| Writes out the contents of the stack, queue, and priority queue into separate text files | 10 | **10** |
| **Style (5 pts):** | | |
| The driver and functions are easy to follow based on the use of comments | 3 | **3** |
| Easily identifiable variable names | 2 | **2** |
| **Total (100 pts):** | 100 | **100** |

Notes:

Great work!