

Lab 4 Grading Rubric by Richard Chiou and Chris D'Angelo

A program that does not compile after applying the git patch and running make will result in a score of 0. (The exception to this rule is incorrect linking with the library from lab 3. See code 1.) Otherwise, your score begins at 100 and deductions are applied according to the table below up to a minimum of 0.

Table A. Rule Codes and Points

Code	Points	Description
1	20	Make failing due to incorrect -L/-I linking to library mylist - either providing absolute path or linking to libmylist.a directly, Incorrect Command Line Arguments
2	3	Incorrectly named executable, Unnecessary Files Tracked, < 5 commits
3	3	README content missing (e.g. Valgrind output)
4	4	Linked List not used
5	20	Incorrect output/functionality
5.1	5	Name or message field missing
5.2	5	Loop Breaks/Contents out of order
5.3	5	Missing/Incorrect record numbers
5.4	5	Program prints junk values/Does not print all values
6	30	Failed Test Case - see test cases below
7	10	Memory errors/Segmentation faults for any of the test cases
8	10	Memory leaks for any of the test cases

Table B. Test Cases:

Code	Points	Input	Expected Behavior
6.1	6	"\n"	Displays all database records. (458)
6.2	6	"tes"	Display 14 records (87 ... 458)
6.3	6	"tests"	Display 5 records (454 - 458)
6.4	6	"testsandmoretests"	Display 5 records (454 - 458) Will be followed by a search for "tests" to ensure that the input string doesn't begin at 6th character of previous search (i.e. "andmo")
6.5	6	Ctrl+D	End program.