

Program #4 Grading Criteria - 100 pts total

Feel free to award partial credit in each category based on “how well” the program satisfies the criteria presented.

Code Points (20 pts)

Standard Input/Standard Output - 5 pts

Merge or Quick Sort implementation is attempted - 5 pts (some may end up using the merge or quick sort I have posted, this is okay. The rest of the code has to be original.)

Reasonable function breakdown - 4 pts

All input is read in - 2 pts

All memory is freed (eyeball) - 4 pts

Style Points (10 pts)

Header comment w/name, program, date – 2 pts

Appropriate variable names – 2 pts

Appropriate white space and indenting – 2 pts

Internal comments in code – 4 pts

Testing Document + Test Cases (20 pts)

Strategy file - 8 points (must include test case with answer 0 and answer all the books, as well as some strategy for a large case with lots of books for full credit, give partial as you deem fit)

.in files - 6 pts (if no large case then max credit 3)

.out files - 6 pts (if no large case then max credit 3)

Execution Points (50 pts)

There are 25 test cases - 2 pts for test case, no partial per test case. Run time of 2 seconds per case.