

Program #3 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

Node struct - 2 pts

Reasonable method for managing the list (another struct/alternate setup) - 3 pts

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 (At least 4 of these should be attempted: min skip, max skip, threshold = 1, threshold = #people-1, lots of output, final answer a relatively high person number, testing the tie case for person number, give 2 pts per idea tried)

.in file(s) - 6 pts (eyeball and make sure cases look valid)

.out file(s) - 6 pts (eyeball to make sure this looks like the answers are reasonable)

Execution Points (50 pts)

There are 4 test cases:

Sample - 10 pts

lottery_01 - 20 pts

lottery_02 - 10 pts

lottery_03 - 10 pts

Give partial on a case if some of the answers are correct. Do partial proportionally but only give full credit if all cases are correct.

Note: lottery_01 is weighted more heavily to help students...