

Program #2 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

Processes multiple cases - 2 pts

Calculates a distance between some pair of points - 3 pts

Outputs a number to 3 decimal places for each case - 2 pts

Has some sort of recursion - 8 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 (generally give full credit...look for taking one test case with a clear answer and reordering the input points, points that are far away in a case, points that are close)

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

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

Execution Points (50 pts)

2 pts per test case.

First 10 cases have $n \leq 5$.

Next 10 cases have $n = 6$.

Last 5 cases have $n = 7$ or $n = 8$.

If an answer is off by .001 count it as correct.