Fall 2023 CIS 3362 Homework #7 Grading Criteria

5 pts – compiling and reading the right tokens from standard input.
20 pts – test case ecpoints1.in
50 pts – test case ecpoints2.in
50 pts – test case ecpoints3.in

Partial Credit

If test cases don't work but elements of the code do the correct things, feel free to award credit as follows:

If everything is correct except for the output format, then award 115/125 (so 10 pts off for say outputting something like (2, 5) on each line instead of following the specification.)

If everything is correct but the points aren't sorted as desired, then award 100/125 (so 25 points off for not sorting)

If any of the earlier pieces of code has an error (things like raising the wrong value to the power (p-1)/2 or (p+1)/4 or using the wrong mod value or some error in modular exponentiation code), then max grade is 50/125.

If you find a case that doesn't neatly fit into these categories, then feel free to award partial credit as you see fit as long as it relatively makes sense with these scores above.

TIME LIMIT: about 5 seconds depending on how fast your I/O time is on your computer. (Allow students to output points one by one without any output buffer tricks to improve speed.)

Note: The $O(p^2)$ algorithm should receive 25 points max.