**Project 3 Part 2 (intermediary recursive approach)**

Name: \_Riya Dev\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_5\_\_\_\_\_\_\_\_\_\_\_

Date: \_11/12/2021\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is your lab name l032?(lowercase L followed by digits 032) \_yes\_\_\_\_\_\_\_\_\_\_

Did you created a class to store a point? \_yes\_\_\_\_\_\_\_\_\_\_

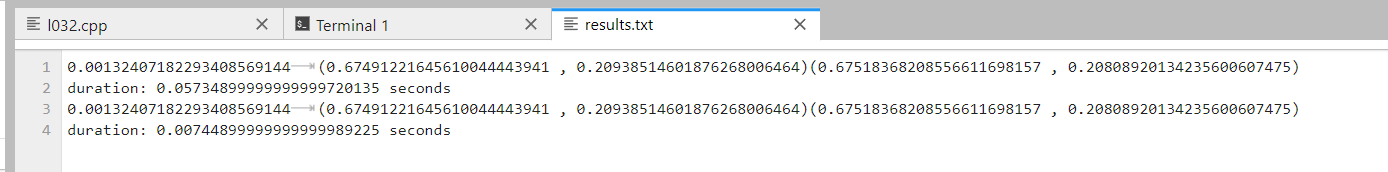
Did you use a vector to store the points you generated? \_yes\_\_\_\_\_\_\_\_\_\_

Did you use at least one iterator to traverse the vector you created? \_yes\_\_\_\_\_\_\_\_\_\_

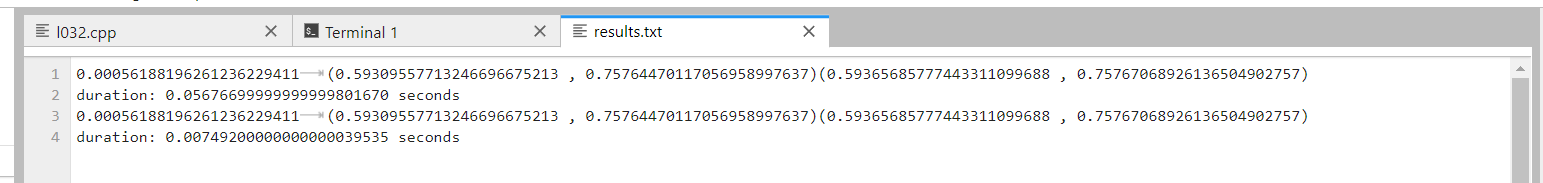
Does your main contain only 2 calls of: part1() and part2() + writing to the results.txt? \_yes\_\_\_\_\_\_\_\_\_

Paste here a clear picture of the content of the results.txt file in 2 random runs:

Run 1:



Run 2:



Paste here a clear picture of the graph that compares the running times of the two algorithms versus number of points. (use 2 different colors for the 2 graphs):

Sample run:

