**Project 4 Part 3 (k-means for an image)**

Name: \_\_\_Joshua Hsueh\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_3\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_2/2/2021\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is your lab name l043?(lowercase L followed by digits 043) \_\_\_\_Yes\_\_\_\_\_\_\_

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

Does your main contain only a call of method part3()? \_\_\_\_\_\_Yes\_\_\_\_\_

Do you give the user the option to create/not create points.txt? \_\_\_\_\_\_Yes\_\_\_\_\_

Did you test your code on a school terminal using c++11? \_\_\_\_\_Yes\_\_\_\_\_\_

Does your main method call only part3()? (NOT part1 or part2) \_\_\_\_\_Yes\_\_\_\_\_\_

Paste here 1 clear picture of the diagram.ppm your code created when you run your code by generating a random set of 10 points:

