

CSC 345
Fall 2014

Programming Assignment #8
Due: November 24, 2014

You are to write a program that reads a data file that contains the x and y coordinates of points in the plane, one point per line. Your program is then to apply the “nearest neighbor” method to reorder the points and write them to a new data file. That is, the first data point in the input file will also be the first data point in the output file. The second point in the output file will be the one that is closest to the first point. The third point in the data file will be the point, other than the first, that is closest to the second one in the output file, etc.