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CS 320

4 March 2020

* For the project, the algorithm ended up being n \* (log n)^2. The best time complexity for this equation is Ω(n \* (log(n))^2 while the worst case is O(n(log(n))^2.
* My program seems to have no bugs or issues that I have noticed. The program has been working through multiple test cases with five different files I have tested. Those files have anywhere from 10 cases to 2000 cases.
* The code finds the smallest distance between two points and can easily be modified to find the largest distance as well. The code also uses quick sort and merge sort to help sort the initial text files that are entered in.
* The brute force could be improved however as with the higher cases, the program will run a tad slower, but will execute quickly. Brute force can sometimes slow and inefficient, but in the case of this project, I have noticed nothing of it being slow.

(I was not sure on how to format the analysis or what exactly to say)