Gray Owls
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05/03/2017

Dear Professor Duff:

I wrote this letter for Technical Communication for Computer Engineers lecture's project to instructor D.J. Duff.

This project's purpose is finding fastest and appropriate sorting algorithm to find the closest restaurants/cafes from any point on the map. Our team is going to try three different sorting algoritms which are merge, quick and insertion sorts. Every group member uses an algorithm for the same conditions. We will try 10, 100 and 1000 restaurans/cafes to find the shortest path. Then we will change the given point three times and repeat the same process again and again. We will test these three algorithms on Windows operating system. Our codes will be written in C++ and the code will be compiled by Dev-C++. Our performance tests's results are computing time and memory usage. Based on these two result we will decide which algoritm is best for each situation.

Finding closest restaurants/cafes from given location helps a lot to people. They spend their time for eating their meal rather than searching restaurants on the streets. This project highly reduces the searching time and provides more time to enjoy their food. If people have more time to spend their own, they will become happier than normal.

More information about this project is in the attached proposal. Also all team members CV's are included.

With regards,

Baran Kaya

Enclosed: CV, Proposal.