William S. Sager
Professor Shahin Nazarian
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Lab 1 Readme

I was not able to satisfactorily complete this lab, the issue I have run into is in regards to reading .csv files and converting them to arrays (which I prefer to work with). I spent a good bit of time (more than I should have) working with a method for extracting the data from the .csv file that ended up being a strange (to me) data type. Using stoi() resulted in a segfault, and when I used typeid I got a rather mangled mess that I could find little information regarding, except that it was a corrupted string of sorts. This surprised me, as when I used cout on the data it looked fine, I just couldn't convert it to a useable data type (int, float etc.).

This lead me to my current loop for extracting data, which also has issues. It is not keeping proper track of the number of edges, and seems to be dropping the very last data value and leaves the last node with a distance of infinity (max value for data type). I plan on continuing to work on this throughout tomorrow, but thought that I should submit what I have today in the event that I am not able to make any further progress on it.

N-1 of my nodes show the correct distance from the starting node to them. I do not have an output file from this, as I was working on getting the other bugs worked out of my code. Beyond this, there is a more slight issue I have worked around in that if I run multiple implementations of the Bellman-Ford algorithm I run into a segmentation fault. I believe I can fix this by creating an object for N7, N10, and N20 respectively. I have not yet done this though, as I am still working on getting the fundamentals of the code functioning.

As a final comment, I sourced my implementation of the Bellman-Ford algorithm from geeksforgeeks.com. I gave credit in the .cpp file as well.