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Project 1 Question 2

Looking at this problem, I felt it would be much similar to problems completed in similar assignments. For the most part, I was correct until it came to sorting out the numbers within a file. It was easy enough to make sample files within the project directory, fill in the numbers and open said files to read and print those numbers onto an output file. I simply made a mergeFile() function that had two ifstreams and one ofstream and used the proper commands to input a file name which would then be opened in the ifstream, read, and copied down into the ofstream output file. The trouble came with sorting out the numbers from least to greatest in the output file. I was able to record all the numbers down, but not sort them out. I tried many if and while statements but to no avail. After many hours of struggling, I decided to just output what was copied onto the output file but even that had a slight problem. Firstly, I needed to make the output file into of type ifstream to be read by the compiler which is why the third ifstream variable is there, and for some reason, the number 101 gets printed twice.

(screenshot below)

A screenshot of a computer screen

Description automatically generated