Bryan Thiha   Lab 4
6002228585
02/24/20
thiha@usc.edu

This C++ program uses a class called matrix to implement linear search, sort, and binary search on a 2D array of size 20 x 10. First we read the array from an input file. Then, in class matrix, we conduct a linear search to find the row where the first number appears again in the array and track the iterations. Then we use our sort function to rearrange that row in ascending order. After that we implement binary search to search for that same number and track how many iterations again. Finally, we print our results to an output file.

Overall, I did not have any major issues with this lab. A lot of it was just coming up with algorithms for the functions and kind of connecting the pieces between classes, arrays, and pointers.