Project Write-Up

How to Run the program:

If you wish, you can edit the shell scripts that are included in the program file. One folder labeled SmallDemo implements the shared data, while the LargeDemo folder has the sorting the array commented out, and assumes that the time to run the sort is comparable because it uses the same method to sort the array.

There are two different ways to run the program, and if you don’t input the correct amount of inputs, then it will give you a couple different options. Those options are:

./knn numberOfNeighbors inputClassificationFile inputTestFile cpuOutputClassificationFile gpuOutputClassificationFile

./knn numberOfNeighbors numberOfTestRow numberOfTestCol numberOfClassifiedColumns cpuOutputFile gpuOutputFile