

COP 2930 - Introduction to Computing Output Files - Suggested Exercises

Objective:

1. Practice writing programs that write output to files.

1) Create your own file of names and phone numbers, listing one matching name and phone number per line. (Have the first line of the file have the total number of people in the file.) Read in this data from an input file and output to another file the same list, sorted in alphabetical order by name. (Use the trick we used in class of storing the names in a dictionary mapping to numbers AND also storing the names in a list, which you sort.) Note: There's a better way to do this (custom sorting objects) but this will do for now.

2) Find a text file online with data you are interested in and read in that data, process it in some way, and store the processed data in an output file. (This is what we did with the cumulative US Covid-19 data during class.)

3) Read in the data for the weather program, and output the average temperature for each year to a file.