COP 1334C Classwork 2
25 points

Getting Started Instructions:

- Create a *classwork2* folder in your *classwork* folder.
- Use the following command to copy the text file "cars.txt" from your home directory into your classwork/classwork2 folder:
    From home:
    cp cars.txt classwork/classwork2
- Open the file *cars.txt* so you can see the format of the file. Notice that it includes two records, each with 3 fields:
    Year, Make and Model

Batch Processing Program

File names: classwork2alg.txt, classwork2.cpp

a) Open the file *cars.txt* and read in the data from *cars.txt. S*tore each piece of data in a separate variable.
    Note: Make sure that you close the file!

b) Display the data on the screen in the following format:

```
        Year        Make        Model
        ---------------------------
        1999        Honda       Accord
        2012        Audi        A4
```

c) Prompt the user for the year, make, and model of a car.

d) Append the file *cars.txt* with the information the user entered.

    Note: Make sure that you write the data to the file in the same format as the other two records.

Grading Rubric:

Algorithm (6)

File Reading (6)

Screen Output (5)

User prompts (3)

File Appending (5)

Submission Instructions:

- Save classwork2alg.txt and classwork2.cpp in your classwork/classwork2 folder.
- Upload the algorithm only to the BCOnline Classwork 2 link.
- Include your account number and your partner's name with your submission.