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Homework 4

MPG Calculator

Goal: Give the user a simple way to get his or her vehicle mpg.

Input: The user will

1. Starting miles
2. Ending miles
3. Fuel gallons
4. Price per gallon

And enter them into my program in the appropriate text boxes.

Processing: My program will than

1. Subtract starting miles from ending miles to calculate the miles traveled.
2. Divide the miles traveled by the fuel gallons that are input by the user
3. Then divide mpg by the price per gallon

Output: My program will display to the user

1. Total miles
2. MPG
3. Price per mile

Testing: I will enter 3 different sets of numbers into my program and then compare those results to the results I get by manually doing the calculations.