

Programming Challenge

Chapter 2

AvgMPG

******* READ THESE INSTRUCTIONS *******

You previously created pseudocode to solve this problem; today you are tasked with writing the actual code.

YOUR CODE MUST BE PROPERLY COMMENTED

A salesperson leaves his home every Monday and returns every Friday. He travels by company car. Each day on the road, he records the gallons of gasoline used by the car.

Write a program that initializes variables as provided below. Variable names are provided. Your program should output his average miles per gallon for the week.

Data is given in the following format:

startOdometerReading	68723
endOdometerReading	71289
gUsedD1	15.75
gUsedD2	16.30
gUsedD3	10.95
gUsedD4	20.65
gUsedD5	30.00

(Here, gUsedD1 is the gallons of gas used on Day 1, and so on)

BE CERTAIN TO VALIDATE RESULTS