

Thomas Crow
CS120
Assignment 11 Question 4

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tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #11
tbcrow@s1034076 ~$ python3.9 Thomas_Crow_Assignment11-4.py
Please enter the starting odometer value: 45000
Please enter the filename of the milage and fuel information: test1.txt
Leg 1 was 300.0 miles. 13.9 gallons was used. The MPG was 21.58 miles per gallon.
Leg 2 was 378.0 miles. 13.1 gallons was used. The MPG was 28.85 miles per gallon.
Leg 3 was 229.0 miles. 12.9 gallons was used. The MPG was 17.75 miles per gallon.
Leg 4 was 380.0 miles. 13.5 gallons was used. The MPG was 28.15 miles per gallon.
The total distance was 1287.0 miles. The total MPG was 24.1.
tbcrow@s1034076 ~$ python3.9 Thomas_Crow_Assignment11-4.py
Please enter the starting odometer value: 65000
Please enter the filename of the milage and fuel information: test2.txt
Leg 1 was 300.0 miles. 34.5 gallons was used. The MPG was 8.7 miles per gallon.
Leg 2 was 700.0 miles. 23.67 gallons was used. The MPG was 29.57 miles per gallon.
Leg 3 was 500.0 miles. 32.9 gallons was used. The MPG was 15.2 miles per gallon.
Leg 4 was 600.0 miles. 43.5 gallons was used. The MPG was 13.79 miles per gallon.
The total distance was 2100.0 miles. The total MPG was 15.61.
tbcrow@s1034076 ~$ python3.9 Thomas_Crow_Assignment11-4.py
Please enter the starting odometer value: 155000
Please enter the filename of the milage and fuel information: test3.txt
Leg 1 was 300.0 miles. 23.9 gallons was used. The MPG was 12.55 miles per gallon.
Leg 2 was 378.0 miles. 23.1 gallons was used. The MPG was 16.36 miles per gallon.
Leg 3 was 209.0 miles. 22.9 gallons was used. The MPG was 9.13 miles per gallon.
Leg 4 was 313.0 miles. 23.5 gallons was used. The MPG was 13.32 miles per gallon.
The total distance was 1200.0 miles. The total MPG was 12.85.
tbcrow@s1034076 ~$
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