

BHCSI Intro Programming

Homework Assignment: Gas Calculator

Write a program that asks the user for the price of gasoline per gallon, the number of gallons of gas currently in their car, the miles per gallon their car gets, and the length of their road trip in miles and calculates and prints out the amount the user will have to spend on extra gas to complete the road trip. (You may assume that the user will have to buy some gas to complete the trip.)

Sample 1: Input and Output

What is the price of gasoline per gallon?

4

How many gallons of gas are currently in your car?

1

How many miles per gallon does your car get?

20

What is the length of your road trip?

1000

You will have to spend **196.00** dollars on gas to complete your road trip.

Note: Don't worry about the number of digits after the decimal in the output. Just make sure that the value your program outputs rounded to the nearest cent is correct.