**Assignment #4**

1. Write a program that calculates a car’s gas mileage. The program should ask the user to enter the number of gallons of gas the car can hold and the number of miles it can be driven on a full tank. It should then calculate and display the number of miles per gallon the car gets.
2. Write a program that asks the user to enter their monthly costs for each of the following housing-related expenses: rent or mortgage payment utilities phones cable The program should then display the total monthly cost of these expenses and the total annual cost of these expenses.
3. A bag of cookies holds 30 cookies. The calorie information on the bag claims that there are 10 “servings” in the bag and that a serving equals 240 calories. Write a program that asks the user to input how many cookies they actually ate and then reports how many total calories were consumed.

Note: you need to submit the source code and the output of the program