1B: Savings with better gas mileage

Assume that you currently drive an older car that gets 10 miles per gallon of gas. Given the estimated miles you would drive per year with a new car and the mpg for the new car, determine the estimated savings in gas expenses. Prompt the user for the expected gasoline price, the miles, and mpg for the new car. Print out the estimated savings.

Example:

Enter cost of gas: 2.699
Enter number of miles: 15000
Enter new mpg: 35

Estimated savings per year: 2,891.79