1A: Savings with better gas mileage

Assume that you currently drive an older car that gets 15 miles per gallon of gas. Given a list of 10 or less cars with cost of each car, estimated miles you would drive per year with this car, and mpg for the car, determine which car would pay for itself fastest with the estimated savings in gas expenses. Prompt the user for the expected gasoline prices and the number of cars to compare. Prompt for cost, miles, and mpg for each car. Print out the number of the best car and the number of years to pay it off.

Example:

Estimated cost of gas: 2.699
Number of cars: 2
Car 1 cost: 10000 miles: 15000 gas: 25
Car 2 cost: 15000 miles: 15000 gas: 45
Best choice: Car 2 Years to pay off car: 8.34