## Write algorithm for Lab1 here.

## Remember to follow the rules of what makes a good algorithm from Notes #2.

Algorithm

1. Prompt user to input how many miles they are traveling (miles\_traveled)
2. Prompt user to input how much gas costs per gallon (gas\_cost)
3. Prompt user to input how many miles per gallon their car gets (mpg)
4. Find out total cost of gas for their trip using the formula below:

Divide (miles\_traveled) by (mpg) and multiply the answer by (gas\_cost)

1. Round total cost to the nearest hundredth and assign to (total\_cost)
2. Display the total cost of gas