## Write algorithm for Lab1 here.

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

Algorithm

#this program calculates miles per gallon and total gas price

#propmt the use to enter miles driven

Miles\_str= input(‘enter number of miles’)

Miles\_int= int(miles\_str)

#prompt the user to enter MPG

MPG\_str= input(‘enter miles per gallon’)

MPG\_int= int(MPG\_str)

#prompt the user to enter PPG

PPG\_str= input(‘enter price per gallon’)

PPG\_int= int(PPG\_str)

#calculate miles per gallon

Cost= miles/MPG\*price

MPG= miles\_str/gallons

#display cost

Print(‘Your cost per gallon is:’, cost)