Read the following program prior to completing the lab.

A retail company must file a monthly sales tax report listing the total sales for the month and the amount of state and county sales tax collected. The state sales tax rate is 4 percent and the county sales tax rate is 2 percent. Write a program that asks the user to enter the total sales for the month. The application should calculate and display the following:

* The amount of county sales tax
* The amount of state sales tax
* The total sales tax (county plus state)

Consider the following functions for your program:

* main that calls your other functions
* inputData that will ask for the monthly sales
* calcCounty that will calculate the county tax
* calcState that will calculate the state tax
* calcTotal that will calculate the total tax
* printData that will display the county tax, the state tax, and the total tax

If your program is correct, sample output might look as follows:

Welcome to the total tax calculator program

Enter the total sales for the month $12567

The county tax is $ 251.34

The state tax is $ 502.68

The total tax is $ 754.02

**The Python Code**

**PASTE COMPLETED CODE HERE**

**def** inputData():  
 **global** sale  
 sale=float(input(**"enter the monthly sale amount"**))  
  
**def** calcCounty():  
 county\_tax=sale\*0.02  
 **return** county\_tax  
  
**def** calcState():  
 state\_tax=sale\*0.04  
 **return** state\_tax  
  
**def** calcTotal():  
 total\_tax=calcCounty()+calcState()  
 **return** total\_tax  
  
**def** printData():  
 **print**(**"The value for county tax is {} \nstate tax is:{} \nand total tax is:{}"**.format(calcCounty(), calcState(),calcTotal()))  
  
**def** main():  
 inputData()  
  
 printData()  
  
main()