Lab #6

Apply the steps we used in Chapter 10 for finding the classes. You will create 3 classes and a main program that asks the user to enter the required information. Sales tax and total charges should be calculated in separate methods inside of the appropriate class. Be sure to include comments describing what the code is doing. When completed, compress the folder containing all of the files associated with the program. Submit the compressed folder through the Lab #6 programming assignment link in Blackboard for grading.

Problem Description

A dog groomer at **Merlin's Pet Grooming** has asked you to create a program for her office to create invoices for her customers visits. When a customer brings their pet in for grooming, the clerk gets the Customer's name, address, phone number and email address. The pet's name, the type of pet, and the age of the pet are also collected. After the pet has been groomed, the clerk will determine the charges for the services, and print an invoice for the customer. The invoice should neatly display the Customer's name, address, phone and email address. The invoice should also display the pet's name, type and age. The charges, tax, and total should also be displayed. All calculations should take place in the class methods. All display should use method calls to get the methods from the classes to display the appropriate information. Do not accept any numbers that are less than or equal to zero. Calculate the sales tax using a constant equal to 0.0975 and limit the display to two decimal places.