CS12 SI LAB5

This week in lab we will be building a rolodex that can store the names, phone numbers and email addresses of all of your friends.

Problem 1: Write a "contact" class:
Write a class called "contact" that will hold the name, phone number, and email address for each of your contacts. Make sure to define accessors, constructors, destructors and mutator functions. The functions that you add to the class are up to you. Try and think about what will be useful to you when you are writing the main program that will use this class. Make sure to write the declaration in a .h file and your implementation in a .cpp file

// Name your files for this problem *username_contact.h* and *username_contact.cpp*

Problem 2: Write the rolodex program: (You may find it convienient to complete Problem 3 before you do this problem.
You will now write a rolodex program using the contact class that you just created. Either use an array or a vector to store a list of contacts and create a basic menu for adding removing and printing out these contacts.

bonus: Create a menu option to save your rolodex to a file or to load from a file.

// Name your .cpp file for this problem *username_main.cpp*

Problem 3: Makefile!!
Write a makefile that compiles your program. It should first compile a .o for the contact class and then compile the main program linking in the -o file. Also add a clean target so that you don't get your workspace all cluttered.

Submission:
To turn in this lab first make sure that all of your .cpp files are in the same directory. Then run

tar -czvf username_lab5.tar username* Makefile

This should create a file called *username_lab4.tar* which you should upload to the given link.

https://drive.google.com/folderview?id=0B9ModvlYGFFEWmljbFJ1cXhmVU0&usp=sharing