CSCI 2170   Homework 5 (Due: beginning of class, Tuesday March 5th)

1. Define an abstract data type "Person".
The data member of the ADT include the following 4 members:
- o Firstname
- o Lastname
- o Phone number
- o ID

The operation of the ADT include:
- o Default constructor
- o Value constructor
- o **Copy constructor**
- o Mutator and Accessor methods for each of the data: lastname, firstname, phone, and id
- o **Destructor**
- o **Overloaded < operator** (comparison based on lastname and firstname of the person)
- o **Overloaded == operator** (two person are considered equal if they have the same ID and lastname)
- o **Overloaded >> operator**
- o **Overloaded << operator**

Write (1) the complete header file for the Person class: person.h, and
       (2) the implementation file of the class: person.cpp. Include only the boldfaced methods in the implementation file.

Please type your solution.