

CSCI 2170 Homework 5

Due: beginning of class, Wednesday, Feb 16th

Define an abstract data type "Person".

The data member of the ADT include the following 4 members:

- Firstname
- Lastname
- Phone number
- id

The operation of the ADT include:

- Default constructor
- Value constructor
- **Copy constructor**
- Separate methods to retrieve lastname, firstname, phone, and id, one per method
- **Destructor**
- **Overloaded < operator** (comparison based on lastname and firstname of the person)
- **Overloaded >> operator**
- **Overloaded << operator**

Write (1) the specification of the ADT: person.h

(2) the implementation file of the ADT: person.cpp. Only the boldfaced member functions need to be included in the implementation file.