Object for OOP Final Lab

A Student is a person, so we define the class Student to be a derived class, or subclass, of the class Person. Student class defines the instance variable studentNumber and the methods reset, getStudentNumber, setStudentNumber, writeOutput, and equals. Student class implements the Comparable interface. Define the compareTo method to order Student objects based on the value in studentNumber. In a main method create an array of at least five Student objects, sort them using Arrays.sort and output the students. They should be listed by ascending student number. Next, modify the compareTo method so it orders Student objects based on the lexicographic ordering of the name variable. Without modification to the main method, the program should now output the students ordered by name.