

CSC 2310: PRINCIPLES OF COMPUTER PROGRAMMING

Lab 6

How to Submit

Please submit your answers to the lab instructor once you have completed.

Failure to submit will result in a **ZERO FOR THIS LAB. NO EXCEPTIONS.**

1. Write a class called `TelDirectory` that implements the `Comparable` interface. The class should contain two fields `name (String)` and `phone number (String)`. Write the necessary constructors, accessors, mutators and other methods.
2. Write a client class that creates an `ArrayList` of 10 `TelDirectory` objects called `list1`.
 - Print the list.
 - Call `Collections.sort(list1)`, to sort the elements according to the name. If the names are the same then sort the list using the phone number.
 - Print the sorted list.