

COSC 201 – Lab #4

Use the Iterator from Java's API

Purpose: to practice using the Java API version of Iterator

Tasks:

- 1.) Open Eclipse and start a new Java Project called Iterator Project
- 2.) Add a new class called Roster. Roster will have two private fields, a List of strings called names and an integer called size. Go ahead and create mutators and accessors for both of these fields. Also, code the constructor with the signature:

```
public Roster (String [] n)
```

The constructor will take the strings out of the array n and put it in your names List.

- 3.) Add a method that will use a Java API Iterator to print out all of the strings in names.
- 4.) Create a main that will add names to the roster and then print all the names out.
- 5.) Turn in your code via the Digital Dropbox in Blackboard.