

COSC 201 – Lab #3

Generic Header Goes Here

Purpose: to practice using Java generics

Tasks:

- 1.) Open Eclipse and start a new Java Project called Generic Project
- 2.) Add a new class called MyGenerics.
- 3.) For this lab, you will add two generic methods to MyGenerics:
 - a. mymin, where an array (of indeterminate type) is passed in as a parameter and the minimum element is returned.
 - b. median, which accepts an array (of indeterminate type) is passed in as a parameter and the median is returned.

Keep in mind that your class and method signatures should match the names noted in the instructions, and that each method should only pass one variable. Do not print in either method!

- 4.) Use the class MyGenericTest.java posted to the course website that to test your generic methods with both Integer and String arrays. If you have a compile error, make sure that your class and methods are named correctly as per the specifications above.
- 5.) Turn in your code via Blackboard by 11:59pm Monday.

Grading expectations: You will be using my driver so names are very important! Make sure you check! Possible deductions:

- * Missing a method/incorrect functionality
- * Not using the correct names for methods/class as specified
- * Not using generics for the methods
- * Printing in the methods
- * Lack of comments – comment blocks at the top of every file, method comments
- * Failure to turn in the correct file/code does not compile with my driver