

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. min, where an array (of indeterminate type) is passed in as a parameter and the minimum element is returned.
 - b. max2, which accepts an array (of no fixed type) is passed in as a parameter and the largest two elements are returned.
- 4.) Create a main (can be part of MyGenerics) that will test your generic methods. You should test these with Integer arrays (note, not int) and String arrays.
- 5.) HINT: You will not be able to create a generic array to return from max2 - it will give you a compile error. Think about what you could return, including other possible data structures beyond a simple array.
- 6.) Turn in your code via the Digital Dropbox in Blackboard by 11:59pm Monday.