

Assignment #2

Original Due: 3:00 PM, Wednesday, March 3

Extended: 3:00 PM, Wednesday, March 10

You must complete this assignment by yourself. You cannot work with anyone else in the class or with someone outside of the class. You are not allowed to copy solutions from the world wide web. The code you write must be your own.

Provided Files:

- A2.java - A shell file.
- output.txt - The required output for the given test code in the shell file.

Description: Complete member methods of MyGenericArrayList, a Java class that implements the Array List data structure using Java Generics. The shell file contains a few places (see below) that indicate where you fill in your code. You must use the shell file for this assignment.

```
//-----  
// Fill in your code here  
  
//  
//-----
```

You CANNOT use Java class `java.util.ArrayList` for this assignment.

Submission: your **A2.java** file.

General Programming Assignment Requirements:

- Classes must be in the default (no package statement) unless otherwise specified. You will lose 30 points (all points) if you put a package statement in your program.
- If your program that does not compile or does not run, you will lose all points.
- If you submit the wrong file your grade will suffer accordingly. Most likely a 0.
- You must fill in the header for every file you submit or you may lose points.

Checklist: Did you remember to:

- worked on the programming assignment by yourself?
- fill in the header in your file **A2.java**?
- ensure your program does not suffer a compile error or runtime error?
- properly indent your source code so that your indenting is readable and consistent?
- use good names for variables to make your program easy to understand?
- turn in your Java source code in a file named **A2.java** through D2L?