

Lab08 - Generics

Due: Fri May 23, 2014

This lab focuses on:

- ❑ Chapter 17 Generics

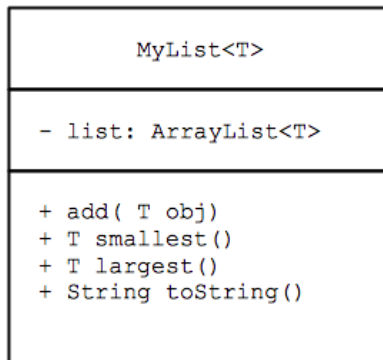
First step - Copy the README file from my k: drive.

This lab is from the book. I put my `main()` in `Lab08.java` for all these “challenges”. Let the user choose his/her challenge. Run it and exit.

Programming Challenge 2 on page 1048

Details:

- Create class `MyList<T>`... the UML is below
- Test it out on 1) a list of Strings and 2) a list of Integers



Programming Challenge 5 on page 1049

Details:

- Copy `IntBinarySearcher.java` from the k: drive `textbook/chapter16` folder
- Rename it `BinarySearcher` and make its `search()` method generic
- Test it out on 1) an array of Strings and 2) an array of Integers

Programming Challenge 8 on page 1049

Jiminy. That last one is tricky. We'll work this one out on the board.

Details:

- Don't return a randomized list, just change it in place like:
`Collections.shuffle(List<T> list)`
- In fact, I called mine `MyCollections.shuffle()`.