

Java By Abstraction - Companion Notes

Topic 11 – The Collection Framework

CSE 1720, Winter 2010, Version 1.0, Prepared by: M. Baljko

corresponding to Chapter 10 of JBA

- **All 6 of the Learning Objectives on p. 367 are important!!**

Section 9.3.3 – Generics

- re-read this from the Chapter 9.

Section 10.1; Ex 10.1-10.2

- absolutely key material; the stage has been set by discussions in class about what is a list and a set (and the difference between them)
- do the examples!!! type them in and run them yourself

Section 10.2; Ex 10.3

- this material is important, but it can be difficult for it to “sink in” without using it in actual code examples
- You will find figure 10.9 very using for lab tests
- The class `Collections` (note the character “s” at the end) is different than `Collection` --- ensure that you understand the difference. Ensure that know how to use the `sort(List<T>)` method from `Collections` (do example 10.3 on your own)

Section 10.3 --- Applications

- read this section and type in all of the examples
- labtest #3 will be a variant of one of these examples, but you won’t have time during the labtest to learn and understand these applications if you haven’t looked at them in advance.