

Java By Abstraction - Companion Notes

Topic 9 – Software Testing

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

corresponding to Chapter 7 of JBA

- **although all 8 of the Learning Objectives on p. 253 are important, you may concentrate on #1-3**

Section 7.1, Ex 7.1

- you should be able to explain the purpose of each of the requirements, design, implementation, testing, and deployment phases
- you should read and understand the material about UML (section 7.1.3)
- you should be able to provide an example of each of the three types of risks
- Ex 7.1 refers to the Mortgage Application in Chapter 3. Recall that we used a static method in MortgageServices in our implementation of this app. Thus, the critique will be different from what is given in the book (can we develop your own critique?)

Section 7.2

- read this section – ensure that you understand the connection between this material and the assertions that were discussed in Chapter 3 and the debugging environment of Eclipse that we used during lecture.

Case Study 7.3

- your top priority in Sec 7.1 & 7.2 and the other course material; read this as time and your interest permits.