Assignment\_4\_readingAndQuestions

Due date:

Course: FDU CSCI-3307 Java

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**DIRECTIONS**

1. **Copy** this file to **ass4-readingAndQuestions-yournameLastName** and work on it
2. Please read the below specified sections from our book

Java - How to Program, Early Objects”, Deitel & Deitel", latest edition (i.e Early Objects 10th Edition)

1. Write your answers to book questions properly labeled.
2. Write your answers to provided “Related questions” below them

**Book’s Chapter 9 - Sections to read and book questions to answer**

1. Read sections 9.5, 9.6 with Fig 9.12. If you have time, you could quick view 9.2, 9.3, 9.4
2. Read and understand Summary 9.1, 9.2, 9.3, 9.4, 9.5, 9.6
3. Answer questions 9.1, 9.2

9.1

1. Inheritance
2. Protected
3. Is-a
4. Has-a
5. Hierarchical
6. public
7. Constructor
8. super

9.2

1. true
2. False, it is implemented via members
3. False, it is a is-a relationship
4. False, it is said to override that method

**Book’s Chapter 10 - Sections to read and book questions to answer**

1. Read sections 10.6, 10.7
2. Read and understand Summary 10.4, 10.7
3. Answer questions 10.1, 10.2

10.1

1. Abstract
2. Concrete
3. Polymorphism
4. Abstract
5. Downcasting

10.2

1. False, abstract methods can have implemented methods as well
2. False, it Is allowed
3. False, the subclass could also denote that method as abstract
4. True

**Book’s Chapter 11 - Sections to read and book questions to answer**

1. Read sections 11.5, 11.6
2. Read and understand Summary 11.5, 11.6
3. Answer questions 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 11.10, 11.11, 11.12, 11.13

11.4 it goes to the finally block

11.5 You can catch any type of exception this way

11.6 No, errors occur during runtime and happen infrequently and should not be caught.

11.7 You must either throw the exception or there will be a compile-time error

11.8 The first catch block is executed

11.9 In order to catch the superclass and any child of the class

11.10 for cleanup

11.11 the finally block runs if it exists then the exception will be handled if it is within a try catch block

11.12 it throws that exception

11.13 it goes out of scope