

MDI ADVANCE DICT: JAVA EXAMS

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INSTRUCTION: ANSWER ALL

1. Fill in the blanks in each of the following statements:

a) _____ is a form of software reusability in which new classes acquire the members of existing classes and embellish those classes with new capabilities.

b) A superclass's _____ members can be accessed in both the superclass declaration and in subclass declarations.

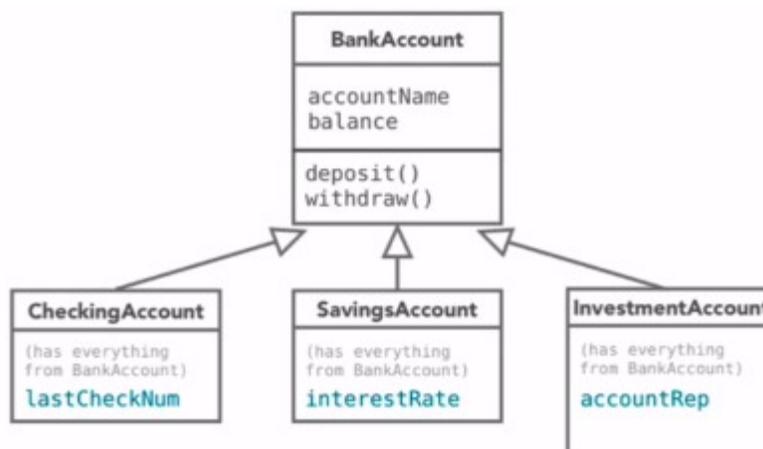
c) In a(n) _____ relationship, an object of a subclass can also be treated as an object of its superclass.

d) When an object of a subclass is instantiated, a superclass _____ is called implicitly or explicitly.

e) Subclass constructors can call superclass constructors via the _____ keyword.

constructor, Inheritance, super, public and protected, is-a

2. Consider the following Inheritance diagram, write the java code for these classes without implementing any of the methods.



3. What is an abstract class?