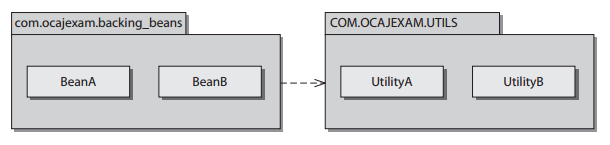
**Self Test:**

**Understanding Packages:**

1. Which two import statements will allow for the import of the HashMap class?  
   A. import java.util.HashMap;  
   B. import java.util.\*;  
   C. import java.util.HashMap.\*;  
   D. import java.util.hashMap;
2. Which statement would designate that your file belongs in the package com.ocajexam.utilities?  
   A. pack com.ocajexam.utilities;  
   B. package com.ocajexam.utilities.\*  
   C. package com.ocajexam.utilities.\*;  
   D. package com.ocajexam.utilities;
3. Which of the following is the only Java package that is imported by default?  
   A. java.awt  
   B. java.lang  
   C. java.util  
   D. java.io

**Understand Package-Derived Classes:**

1. The JCheckBox and JComboBox classes belong to which package?  
   A. java.awt  
   B. javax.awt  
   C. java.swing  
   D. javax.swing
2. Which package contains the Java Collections Framework?  
   A. java.io  
   B. java.net  
   C. java.util  
   ~~D. java.utils~~
3. The Java Basic I/O API contains what types of classes and interfaces?  
   A. Internationalization  
   B. RMI, JDBC, and JNDI  
   C. Data streams, serialization, and file system  
   D. Collection API and data streams
4. Which API provides a lightweight solution for GUI components?  
   A. AWT  
   B. Abstract Window Toolkit  
   C. Swing  
   D. AWT and Swing
5. Consider the following illustration. What problem exists with the packaging? You may wish to reference Appendix G of the Unified Modeling Language (UML) for assistance.



A. You can have only one class per package.  
B. Packages cannot have associations between them.  
C. Package com.ocajexam.backing\_beans fails to meet the appropriate package naming conventions.  
D. Package COM.OCAJEXAM.UTILS fails to meet the appropriate package naming conventions.

**Understand Class Structure:**

1. When apply naming conventions, which Java elements should start with an uppercase letter and continue on using the CamelCase convention?  
   A. Class names  
   B. Interface names  
   C. Constant names  
   D. Package names  
   E. All of the above
2. When instantiating an object with generics, should you use angle brackets, box brackets, curly brackets, or double-quotation marks to enclose the generic type? Select the appropriate answer.  
   A. List<Integer> a = new ArrayList<Integer>();  
   B. List[Integer] a = new ArrayList[Integer]();  
   C. List{Integer} a = new ArrayList{Integer}();  
   D. List"Integer" a = new ArrayList"Integer"();
3. When you’re organizing the elements in a class, which order is preferred?  
   A. Data members, methods, constructors  
   B. Data members, constructors, methods  
   C. Constructors, methods, data members  
   D. Constructors, data members, methods  
   E. Methods, constructors, data members

**Compile and Interpret Java Code:**

1. Which usage represents a valid way of compiling a Java class?  
   A. java MainClass.class  
   B. javac MainClass  
   C. javac MainClass.source  
   D. javac MainClass.java
2. Which two command-line invocations of the Java interpreter return the version of the interpreter?  
   A. java -version  
   B. java --version  
   C. java -version ProgramName  
   ~~D. java ProgramName –version~~
3. Which two command-line usages appropriately identify the classpath?  
   A. javac -cp /project/classes/ MainClass.java  
   B. javac -sp /project/classes/ MainClass.java  
   C. javac -classpath /project/classes/ MainClass.java  
   D. javac -classpaths /project/classes/ MainClass.java
4. Which command-line usages appropriately set a system property value?  
   A. java -Dcom.ocajexam.propertyValue=003 MainClass  
   B. java -d com.ocajexam.propertyValue=003 MainClass  
   C. java -prop com.ocajexam.propertyValue=003 MainClass  
   D. java -D:com.ocajexam.propertyValue=003 MainClass