

Discussion Questions for “Java Packages”

1. Other languages, such as Python or C, do not have a concept like the Java package concept. We haven't learned all the implications of packages, but with what we have learned so far, what are the advantages offered by the package concept? What are the problems with packages?
2. The Java package concept considers both what directory a .java or .class file is in, as well as the package specification in the .java file itself. Is this redundant? Can you think of some situations where you might put a .java file in something other than a directory named by the package?
3. Can you describe a situation where you have two classes with the same name but very different implementations in two different packages?
4. The recommended cs140 directory structure is one way to manage Java code for the CS-140 course. What are some alternatives, and what are the advantages and disadvantages of those alternatives?