CSCI 1228 Lab Activity: Hello Good-bye Jar Test

A program to say Hello and Good-bye and to test creation and use of jar files

**Read through this Activity completely before starting, to get a good overview of what you are required to do. Part of the goal here is to see if you can read and follow instructions.**

The purpose of this activity is to give you some practice in creating two kinds of jar files:

1. A jar file that just contains classes that are accessed by an external driver
2. A jar file that is itself executable and contains within it a complete program

So, for the first exercise, perform the following activities:

1. Go to the weekxx folder on the Q: drive and copy the three files that you see there to a folder on your J: drive.
2. Have a look at the three files to see what you have, then compile and run the program, after replacing YourName with your name (it should be clear what to do after looking at the files).
3. Now put the two class files Hello.class and GoodBye.class into a jar file so that the program can be run like this:  
   > java -cp .;HelloGoodBye.jar TestHelloGoodBye

When you have tested this jar-file version of your program and feel it is ready for prime time, do the following:

1. Create a folder called weekxx on your K: drive.
2. Copy your HelloGoodBye.jar file to that weekxx folder.
3. Inform your instructor that you have done so, so that he may test your submission.

Next, for the second exercise, perform the following activities:

1. Create an executable jar-file version of the program by putting all three class files—the two class files Hello.class and GoodBye.class as well as the driver class TestHelloGoodBye.class—into a jar file, along with the necessary manifest file—so that the program can be run like this:  
   > java –jar TestHelloGoodBye.jar

When you have tested this jar-file version of your program and feel it is ready for prime time, do the following:

1. Copy your TestHelloGoodBye.jar file to your weekxx folder.
2. Inform your instructor that you have done so, so that he may test your submission.