CSE 11 Programming Assignment 1

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Setup:

My OS is Windows 10 64-bit. I downloaded Vim for text editing, Cygwin to use as the programming/runtime environment, the Java Development Kit, and the GitHub desktop app to clone assignment repositories and back up my work. I set the home directory to a folder under my name that is located on the desktop. I decided to go with this setup since I am borrowing this computer from a friend and am not sure of its capability to handle a full IDE.

Within my home directory, I have a folder for this course and within it, I have a clone of the repository for this programming assignment. I plan to clone the repositories of future programming assignments in the folder for this course. I'm not sure what else to say about the setup except that I customized the color scheme, font, and spacing style for Vim.

Running Code:

<take a screenshot of your terminal (including the commands you ran to compile and run the code) and paste it here>

Part 1

```
snain@DESKTOP-94H0ET4 ~/Natalie/CSE11/cse11-pa1-starter
$ javac FirstExample.java

snain@DESKTOP-94H0ET4 ~/Natalie/CSE11/cse11-pa1-starter
$ ./run.bat FirstExample
Tester Library v.3.0
-----------------------------------
Tests defined in the class: FirstExample:
---------------------------
FirstExample:
--------------
new FirstExample:1(
 this.theNumberFive = 5)
---------------
No test methods found.
WARNING: A terminally deprecated method in java.lang.System has been called
WARNING: System::setSecurityManager has been called by tester.Main (file:/C:/Use
rs/snain/OneDrive/Desktop/Natalie/CSE11/cse11-pa1-starter/tester.jar)
WARNING: Please consider reporting this to the maintainers of tester.Main
WARNING: System::setSecurityManager will be removed in a future release
```

Parts 2, 3, and 4

```
snain@DESKTOP-94H0ET4 ~/Natalie/CSE11/cse11-pa1-starter
$ javac DesignRecipeExamples.java
DesignRecipeExamples.java:6: error: package tester does not exist
import tester.*;
^
1 error

snain@DESKTOP-94H0ET4 ~/Natalie/CSE11/cse11-pa1-starter
$ javac DesignRecipeExamples.java

snain@DESKTOP-94H0ET4 ~/Natalie/CSE11/cse11-pa1-starter
$ ./run.bat Examples
Tester Library v.3.0
----------------------------------
Tests defined in the class: Examples:
---------------------------
Examples:
---------------
new Examples:1(
 this.test = new DesignRecipeExamples:2()
 this.perimeter1 = 6
 this.perimeter2 = 20
 this.borderArea1 = 3
 this.borderArea2 = 10
 this.conversion1 = 21
 this.conversion2 = 945
 this.combine1 = 151
 this.combine2 = 110)
---------------
No test methods found.
WARNING: A terminally deprecated method in java.lang.System has been called
WARNING: System::setSecurityManager has been called by tester.Main (file:/C:/Use
rs/snain/OneDrive/Desktop/Natalie/CSE11/cse11-pa1-starter/tester.jar)
WARNING: Please consider reporting this to the maintainers of tester.Main
WARNING: System::setSecurityManager will be removed in a future release
```

Issues:

The tester package could not be imported so the program wouldn't compile. It didn't seem to be needed, so I commented it out. I also ran into issues getting the run file and run batch file to work, but it turned out to be because of the Windows end-of-line characters (^M). The ./run.bat command worked after I removed them from the file.