

CSE 11 Programming Assignment 1

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Setup:

I'm using Visual Studio Code on Windows. I had issues with the run command at first, but I realized I didn't unzip all the files in the starter pack. Last year I had already downloaded Java version 15, but now I have Java version 17. The file tab in VS Code got a little too messy for me, so I created a workspace instead that carries folders for each PA and in those folders contains the run.bat and tester.jar files from the starter file.

In my PA1 folder, I have the files: DesignRecipeExamples.java, DesignRecipeExamples.class, FirstExample.java, FirstExample.class, run.bat, tester.jar, and transcript.txt. I put my code for each problem in DesignRecipeExamples.java and I copy/pasted the output (field values) from the terminal after running the code into transcript.txt. My basic structure for writing the methods for the problems is to write a short paragraph as a comment that explains what the method is supposed to do and any notes it may have, write the method header, write a few short comments if needed to explain what the parameters must take as well as what the body will do, then write up some examples using method calls.

Running Code:

```
PS C:\Users\15624\OneDrive\Desktop\JavaProjects\CSE11\cse11-pa1-starter-main\PA1> .\run.bat DesignRecipeExamples
Tester Library v.3.0
-----
Tests defined in the class: DesignRecipeExamples:
-----
DesignRecipeExamples:
-----
new DesignRecipeExamples:1(
  this.perimeterOfRec1 = 16
  this.perimeterOfRec2 = 30
  this.perimeterOfRec3 = 18
  this.perimeterOfRec4 = 44
  this.borderArea1 = 26
  this.borderArea2 = 70
  this.borderArea3 = 112
  this.borderArea4 = 77
  this.CtoK1 = 305
  this.CtoK2 = 297
  this.CtoK3 = 299
  this.CtoK4 = 294
  this.heightInches1 = 63
  this.heightInches2 = 71
  this.heightInches3 = 74
  this.heightInches4 = 58)
-----
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:/Users/15624/OneDrive/Desktop/JavaProjects/CSE11/cse11-pa1-starter-main/PA1/tester.jar)
WARNING: Please consider reporting this to the maintainers of tester.Main
WARNING: System::setSecurityManager will be removed in a future release
PS C:\Users\15624\OneDrive\Desktop\JavaProjects\CSE11\cse11-pa1-starter-main\PA1> |
```

Issues:

I don't believe I have any issues regarding the code and output. The only thing I'm totally not sure about are the warnings at the end of the output in the terminal.