TINKER ACADEMY

AP Computer Science Prep (Java Programming)

Homework 5: Execution Flow

Overview

In this Homework you **won't** be writing any code. Instead you will be updating comments in code. In each comment, you would need to update the order of execution flow. Remember that a method **can be invoked multiple times** and therefore can partcipate more than once in the execution flow.

Open the Homework

Import Java Project
1. Open File Manager
2. Navigate to TinkerCourses, TA-JAV-2, homework5
3. Right Click, extract Homework5.zip
4. Double click to Open eclipse (under Tinker Apps)
5. Right click over Package Explorer
6. Import...
7. Select extracted folder Homework5

Before you begin

Keep the handout slides for Week 5 open

Structure of the Program
Homework5 is an Eclipse Java Project. The Project has
1. A Java Source File called "Main.java"

2. A Java Source File called "LoopTheLoop.java"
3. The Main class contains the main method

Homework
Fix the comments in the 2 source files Main.java and LoopTheLoop.java

Each statement of code in the 2 source files Main.java and LoopTheLoop.java contains a comment to the right of the statement of code. Remember that a single line comment starts wih 2 forward slashes and extends to the end of the line.

Remember a statement can participate multiple times in the execution flow. Each comment indicates the statement participated order of execution flow. Each number indicates the statements participation.

For example

System.out.println("loop3"); // 8, 10, 14

The comment indicates that the statement participated thrice in the execution flow,

It was the 8th statement to be executed, the 10th statement to be executed and the 14th statement to be executed

The comments on most/all lines are wrong! Your homework assignment is to fix the wrong comments so that they represent the correct execution flow.

Once you make your changes, you should save the files using File->Save All in Eclipse before submitting the homework.

All the Best!

Submit the Homework

Submit your changes
1. Make sure you are on the Home WiFi.
2. Save All your changes
3. Open File Manager
4. Click TinkerSetup

5. Double Click "Course Submit"

All the Best!