

TINKER ACADEMY

AP Computer Science Prep (Java Programming)

Homework 6: Execution Flow (For Statement & If Statement)

Make sure you read the Handout slides!

Overview

In this Homework you will be completing the Fizz Buzz program.

Open the Homework

Import Java Project

1. Open File Manager
2. Navigate to TinkerCourses, TA-JAV-2, homework6
3. Right Click, extract Homework6.zip
4. Double click to Open eclipse (under Tinker Apps)
5. Right click over Package Explorer
6. Import...
7. Select extracted folder Homework6

Before you begin

Keep the handout slides for Week 6 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 "FizzBuzz.java"
3. The Main class contains the main method

Complete the Homework

Homework

The FizzBuzz program has 2 classes

1. The class FizzBuzz has a method called print that loops for i = 1 to 100
2. The class Main which used to invoke the method print of the class FizzBuzz.

You should not make any changes to the Main class.

You will need to add code to the FizzBuzz class under //TODO (line # 8 within the print method of the class FizzBuzz).

You would need to add the code to do the following

1. if i is a multiple of 3, print "Fizz" instead of the number
2. if i is a multiple of 5, print "Buzz" instead of the number
3. if i is a multiple of both 3 and 5, print "FizzBuzz" instead of the number
4. if i is any other number print the number itself

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!