The IST department needs to track the average number of advising appointments held per day, over the past 7 days. Each day may or may not have any appointments. Write a small program that will allow the department to enter the number of advising appointments held for each day, determine the average number of appointments, and output the average number of appointments.

You can use the following stub solution that outlines the processes that need to be completed. Copy and paste this solution into your IDE. You should complete steps 2 through 5.

import javax.swing.JOptionPane;  
  
public class AdvisingAppointmentTracker {  
   public static void main(String[] args) {  
    
      // Step 1: Set any constants needed for the program  
      final int NUM\_DAYS = 7;  
      final int MIN\_NUM\_APPOINTMENTS = 0;  
       
      // Step 2: Create an array that will hold the number of advising appointments per day  
  
       
      // Step 3: Enter the number of advising appointments for all of the days  
  
  
      // Step 4: Find the average number of appointments  
  
  
      // Step 5: Output the average number of appointments  
  
   }    
}

**Note #1:** Your solution must incorporate an array.

**Note #2:**Keep in mind the above narrative does not say you may assume the user will always enter only numeric values. Therefore your solution should account for this.

**Note #3:** For input/output, you must use the JOptionPane class.

**Your code must compile using the jGrasp IDE. If your code does not compile using jGrasp (for any reason), a grade of 0 will be earned. No exceptions!**

**Upload your completed .java file. Make sure you upload the .java file and not the .class file**