CS427 Homework Assignment 1

Due date: ____________________

General info: Turn in all problems by paper and by email (to dbahr@regis.edu with “CS427 Homework” in the subject line).

Reading: If necessary review parts 5, 7, and 10 of my online notes for Introduction to Programming. In particular, focus on arrays, loops and if statements.

Problem #1: Using the directions posted in my online notes (at http://academic.edu/dbahr/ in the section on Introduction to Programming), install Java on your home computer. Install both the JRE and the JDK (bundled together as the J2SE). Nothing to turn in. Skip this if you have already installed Java.

Problem #2: Let’s review. Write a Java program that prints out any number of asterisks specified by the user (ask the user for a number). E.g., if the user types 5, then the program should print “*****”.

Problem #3: Put your code from problem #2 into a method. The method should take a parameter that tells it how many times to print the asterisk. E.g., printAsterisk(4) would print “****”.

Problem #4: Now create a new method that prints any specified character as many times as specified. E.g., printThis(‘#’, 3) would print “###”.

Problem #5: Use only the method from problem #4 to print the following. You may call the method multiple times. You may not use any System.out.print() or System.out.println() unless it is in the method from problem #4.

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@@@@@@  @@@@@@
@@  @@  @@  @@
@@  @@  @@  @@
@@@@@@  @@@@@@

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