Date Assigned: 10/3/18

In-class students - Due date: 10/3/18 @ 8:50 PM

Online students - Date Due: 10/9/18 @ 11:59 PM

Total Points: 20

Expected time of completion: Less than 1 hour

Objective: Demonstrate an understanding of using the loops and methods.

Assignment:

1. Write the code to input as many characters as the user wishes (until the user enters !) and display "vowel" if the character is a vowel (a, e, i, o, u), in all other cases, display "other".
2. Write a loop to display the numbers 1 through 5 with increments of 1, one per line. Calculate and display the total of these numbers. (i.e., the total of 1+2+3+4+5 = 15)
3. Write a nested loop to display the following pattern:
   ```
   *
   *       *
   *       *       *
   *       *       *       *
   ```

Assignment details:

Write the code for the following exercises in one Java file. Save your file with the format: **firstnameLastnamecit130_lab05.java.**