CS 150: Intro to OOP, Fall 2008
Homework 2

Due *via email* by 11:59pm on Monday, February 16, 2008

This homework covers the material from Chapter 4 of the text. Please read and familiarize yourself with this material before working on the homework. In particular, working through practice problems might be helpful for the material on this homework. You do NOT need to submit the practice problems for credit - they are merely for your own benefit.

Please type all answers and email to the instructor at echambe5 - at - slu.edu by 11:59pm on the date due.

1. Adapted from Exercise 4.8 in the text:

   Write a program that prompts the user for a string, for example 'slice', and then prints the following pattern for the entered word:

   ```
   s
   sl
   sli
   slic
   slice
   ```

2. Adapted from Exercise 4.9 in the book:

   Write a program that prompts the user for an integer n, and then prints an n-level staircase make of stars, such as the example for $n = 4$ shown here:

   ```
      *
     **
    ***
   ****
   ```

3. Exercise 4.24, parts a through g

4. Exercise 4.26

5. Exercise 5.9

6. Extra Credit: Exercise 4.15