

Winter '12 CIS 122 Assignment 2 – 110/100 points possible – Due Tuesday, 2-7, 11:59 PM

1. [20] Exercise 3.1 (p. 171). Write the steps of your algorithm and then a paragraph reporting your results. You may substitute any simple food-preparation task instead of frying an egg, if you'd like. Save your program as Assignment2-1.txt.
2. [20] Exercise 3.3 (p. 171). Write a program which prompts the user for an integer and then prints a statement indicating whether or not the integer satisfies the constraints listed in the text. Save your program as Assignment2-2.py.
3. [20] Exercise 4.20 (p. 220). Write a program which first prints a horizontal row of 80 '#' characters using a single '#' character and the string + operator (hint, use a loop). Your program should then print a vertical column of 30 '#' characters using only a single '#' and '\n' character and the string * operator. Save your program as Assignment2-3.py.
4. [20] Exercise 4.28 (p. 221). Write a program which prompts the user for a name in the format specified by the text and then prints the modified name. Save your program as Assignment2-4.py.
5. [20] Programming Project 4.2 (p. 224). Write a program which prompts the user for at least five (5) words (e.g., "Enter a verb: ") and then prints the resulting story. Save your program as Assignment2-5.py.
6. [+10] (extra credit) Programming Project 4.3 (p. 224). Save your program as Assignment2-6.py.

Upload your .py files to Blackboard.