CS200 - Programming Assignment 1
Due: Monday, September 18. Must be uploaded to Canvas before the beginning of class.

Please read the sections of the syllabus on programming assignments and honor code before starting this homework. I would also recommend reading the rubric for programming grading, so that you know how we will be grading this assignment.

1. **[30 Points]** Write a program in python or java that implements a recursive algorithm for one of the problems at [http://codingbat.com/java/Recursion-1](http://codingbat.com/java/Recursion-1). (Note: you will then prove your algorithm is correct as part of the problem set.)

   Put a multi-line comment at the beginning of your program. It should contain:

   - Your name
   - “Programming Assignment 1”
   - The name of the problem from codingbat that you implemented
   - The name of anyone you worked with
   - Sample output from your program
   - The amount of time (approximately) that you spent on this assignment