

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>. (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