

ALGORITHMS, FALL 2018, HOMEWORK 0

- Deadline **Sunday**, September 9, 11:55PM.
- **Worth 0%** of the final grade.

Submit three pages, for problem 1, 2a & 2b, and 2c, respectively. Tell Gradescope where to find each problem and subproblem.

If you don't want to answer something, just doodle or write anything. The point of this is just to see how Gradescope works.

1. Tell us a math joke.
2. Here's a problem with three parts.
 - (a) Can you draw 5 points and connect each pair of points with a curve so that none of the curves touch except at their endpoints?
 - (b) What rule am I using, to come up with this sequence?
 $\{1, 11, 21, 1211, 111221, 312211, 13112221, 1113213211, 31131211131221, \dots\}$
 - (c) What do you like about computer science?