

Homework #3: Algorithm to Draw Your Initials (1 point)

Complete Part 1 and *bring to class* on Friday, September 3rd

Homework Goal: Practice writing an algorithm that is easy to use, elegant, efficient, and correct.

Part 1: Design

On a sheet of paper, write an algorithm to draw the initials of your name (you only have to do two letters, but feel free to do three or more). You may use block letters to simplify the task or craft a more interesting solution!

Put your name on the BACK of your paper (so your peer in Part 2 doesn't know your initials).

You will receive full credit only if someone else can follow your algorithm, but instructors will have the final say on your grade.

Part 2: Evaluate

During class, you will swap papers with a peer whose name you do not know. Your peer will follow your algorithm to draw your initials on the paper.

Once you have followed your peers algorithm, turn the paper over to reveal their name (thus their initials). How did they do? If their algorithm was well-written and produced recognizable initials, add a smiley face next to their name. If not, add a frowny face.

Your instructor will collect the papers so you can be awarded credit.