

COP 3502 Fall 2021 Sections 1, 2 Recitation Program #2

Counting Stars

For each recitation program, in order to get full credit, you must submit your solution to open.kattis.com and get your solution accepted on all test cases. In addition, the programs may have some separate requirements to submit. When submitting your work to Webcourses, please carefully read the corresponding directions document before submitting all of your files.

NOTE: Over the course of the semester, you must submit TWO out of the four recitation programs. It is expected that while you are in recitation, you start working on each of them. But, afterwards, you can choose which two to finish up.

What This Program Is Testing

Though there are other ways to solve this problem, I request that you solve it using the floodfill method taught in lecture. You should have a function that is recursive that takes in input grid and a used array (or if you prefer, just the input grid, where you mark used squares in a safe manner).

What to Submit

Please submit the following:

- 1) Your source file, countingstars.c.
- 2) A screenshot of your solution's accepted status on Kattis.