COMP 2510 Quiz 1

Note that this is a closed book quiz. Violating this policy will result in 0.

Your task is to write a program that rotates a given array by 90 degrees clockwise. The input string will be provided via an input file named "input.txt." You are given q1.c file.

Restrictions:
- You are only allowed to add your code in rorate_matrix function.
- You are not allowed to modify any part of the code except inside rotate_matrix function.
- You are not allowed to modify the function signature, meaning you can't modify the parameters in between parenthesis in rotate_matrix(_____).
- This quiz is to be done using purely pointers only, meaning that you are not allowed to have [or] in your code.
- You are not allowed to allocate any more memory. You must rotate in-place.

Violations of the restrictions will get automatic 0. The grading script will check the above, and if any violation of the above is detected, it will not perform the grading action.

Write your A Number at the top of the file. Once you are done, you can submit the completed q1.c file to learning hub. For grading, 3 inputs with varying matrix sizes will be used.

For any reason that the code does not compile or has a wrong A Number that blocks the script from grading, it will automatically record 0 to the grade. No exceptions to this rule.