

Online Assignment on Arrays (A2)

TIME: 30 Minutes Total Marks: 10

CSE 102

Solve the problem below. After you are done, rename the file containing your source code as your *StudentId.c* (For example, if your student ID is **2006001**, the name of your file should be **2006001.c**). Then submit that file to Moodle. Make sure you submit a file containing your source code.

***Failure to follow these instructions will result in penalties.**

Problem Description

1. Write a **C** code that will take input of a number n which denotes the dimension of a square matrix, followed by that matrix.

Now replace each odd element with the minimum value of that matrix except the center. **The center of that matrix should remain intact.**

For example:

Sample Input	Sample Output
3 1 2 3 4 5 6 7 8 9	1 2 1 4 5 6 1 8 1
4 2 2 4 4 5 6 7 8 7 1 3 4 1 1 1 1	2 2 4 4 1 6 7 8 1 1 3 4 1 1 1 1

N.B.:

- ★ You **can not** use any **global** or **static** variables while solving this problem.
- ★ You **can not** use any library function for this task (other than **I/O**).
- ★ You **can not** use any **pointer** for solving this problem.
- ★ You **can** assume that the provided input will **always** be valid.