Online 2 : Nested Loop and 2D Array

**Date: 29/11/2020**

**Instruction:**

1. Avoid plagiarism. If you are found to adopt any unfair means you will get a straight 0.
2. Upload your code (only the c file) in elms.

**Task:**

1. Write a program that produces the following pattern:

|  |  |
| --- | --- |
| **Sample input** | **Sample output** |
| N = 4 | 4  4 3 4  4 3 2 3 4  4 3 2 1 2 3 4 |
| N = 5 | 5  5 4 5  5 4 3 4 5  5 4 3 2 3 4 5  5 4 3 2 1 2 3 4 5 |

1. Write a program that -
   1. Takes a 4X4 matrix as input.
   2. Then prints that 4X4 matrix.
   3. Then prints that 4X4 matrix, but only the odd numbers this time.

|  |  |
| --- | --- |
| **Sample input** | **Sample output** |
| 1 3 5 6  2 4 6 8  3 5 7 9  4 6 8 0 | 1 3 5 6  2 4 6 8  3 5 7 9  4 6 8 0  1 3 5 \*  \* \* \* \*  3 5 7 9  \* \* \* \* |