



Triple Recursion

by [sreka11](#)

Problem

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Status: **Accepted**

Test Case #0



Test Case #1



Test Case #2



Test Case #3

Submitted Code

Language: C#

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```
1 using System;
2 using System.Collections.Generic;
3 using System.IO;
4 using System.Linq;
5 class Solution {
6
7     static void tripleRecursion(int n, int m, int k) {
8         // Complete this function
9
10        int[,] a = new int[n, n];
11
12        for (int i = 0; i < n; i++)
13        {
14            for (int j = 0; j < n; j++)
15            {
16                if (i == 0 && j == 0)
17                {
18                    a[i, j] = m;
19                }
20                else if (i-1 >=0 && j-1 >=0 && i == j)
21                {
22                    a[i, j] = a[i - 1, j - 1] + k;
23                }
24                else if (i-1>=0 && i > j)
25                {
26                    a[i, j] = a[i - 1, j] - 1;
27                }
28                else if (j-1>=0 && i < j)
29                {
30                    a[i, j] = a[i, j - 1] - 1;
31                }
32            }
33        }
34    }
35
36    for (int i = 0; i < n; i++)
37    {
38        for (int j = 0; j < n; j++)
```

```
39         {
40             Console.Write(a[i, j] + " ");
41         }
42         Console.WriteLine();
43     }
44
45
46 }
47
48 static void Main(String[] args) {
49     string[] tokens_n = Console.ReadLine().Split(' ');
50     int n = Convert.ToInt32(tokens_n[0]);
51     int m = Convert.ToInt32(tokens_n[1]);
52     int k = Convert.ToInt32(tokens_n[2]);
53     tripleRecursion(n, m, k);
54 }
55 }
56 }
```

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