

PRACTICE

COMPETE

IOBS

LEADERBOARD

Q Search





swatantragoswam1 >

All Contests > e4csd > Pattern (patr1)

Pattern (patr1)

Problem

Submissions

Leaderboard

Discussions

For a given n, you've to print the following pattern.





Contest ends in an hour

Submissions: 41

Max Score: 20

Difficulty: Medium

Rate This Challenge:



More

Examples:

```
Input: 5
Output :
 1
1*2
1*2*3
1*2
  1
Input: 9
Output :
    1
  1*2
 1*2*3
1*2*3*4
1*2*3*4*5
1*2*3*4
 1*2*3
  1*2
    1
```

Input Format

One integer N 1<=N<=1000000

Constraints

N 1<=N<=1000000

Output Format

Pattern

Sample Input 0

5

Sample Output 0

1 1*2 1*2*3

1*2

1

Sample Input 1

9

Sample Output 1

1 1*2 1*2*3 1*2*3*4 1*2*3*4*5

1*2*3*4 1*2*3

1*2

L ^ 2

1

Current Buffer (saved locally, editable) &

C++ × \$3

```
1 ▼#include <cmath>
   #include <cstdio>
   #include <vector>
   #include <iostream>
   #include <algorithm>
   using namespace std;
 7
   void f(int n)
9 ▼{
10
        // int s=n-1;
11
        for(int i=1;i<=n;i++)</pre>
12
13 ▼
            // int c=1;
14
15
            for(int j=n;j>i;j--)
                 cout<<" ";
16
17
            for(int j=1;j<i;j++)</pre>
                 cout<<j<<"*";
18
19
20
            cout<<i<"\n";
21
            // s--;
22
23
        // s=0;
24
25 🔻
        for(int i=n-1;i>=1;i--){
            // int c=1;
26
        for(int j=n;j>i;j--)
27
            cout<<" ";
28
29
        for(int j=1;j<i;j++)</pre>
            cout<<j<<"*";
30
        cout<<i<"\n";
31
32
            // s++;
33
```

```
34 }
35 vint main() {
36    int n;
37    cin>>n;
38    n=n/2+1;
40    return 0;
41 }
42 Line: 1 Col: 1
```

Run Code

Submit Code

Testcase 0 ✓

Testcase 1 🗸

Congratulations, you passed the sample test case.

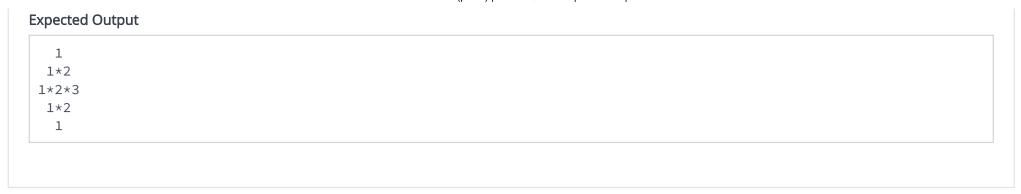
Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

5

Your Output (stdout)

```
1
1*2
1*2*3
1*2
1
```



Contest Calendar | Interview Prep | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy | Request a Feature