

Daily Challenge

Happy Coding from necse



SKILLRACK

## Inverted Triangle Pattern

Given an integer N, the program must print the pattern as shown in the Example Input/Output section.

### Boundary Condition(s):

1 <= N <= 100

### Input Format:

The first line contains N.

### Output Format:

The pattern is printed as shown in the Example Input/Output section.

### Example Input/Output 1:

Input:

4

Output:

1\*2\*3\*4

\*7\*6\*5\*

\*\*8\*9\*\*

\*\*\*10\*\*\*

### Example Input/Output 2:

Input:

5

Output:

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

\*9\*8\*7\*6\*

\*\*10\*11\*12\*\*

\*\*\*14\*13\*\*\*

\*\*\*\*15\*\*\*\*

Max Execution Time Limit: 5000 millisecs

Ambiance

Java ( 12.0)



```

1▼ import java.util.*;
2▼ public class Hello {
3
4▼     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6
7         int l = 0;
8         int r = sc.nextInt();
9         int val = r-1;
10        int bound = r+0;
11        int num=1;
12        r=(r*2)-1;
13
14
15▼        for(int i=0;i<bound;i++){
16            for(int j=0;j<l;j++) System.out.print('*');
17            boolean togg = true;
18▼            for(int j=1;j<r;j++){
19▼                if(togg){
20                    if(i%2==0) System.out.print(num++);
21                    else System.out.print(num--);
22                }else System.out.print('*');
23                togg=!togg;
24            }
25            for(int j=r;j<((bound*2)-1);j++) System.out.print('*');
26            System.out.println("");
27            l++;r--;
28
29
30            if(i%2==0) { num = (num-1)+val; }
31▼            else{
32                num = (num+1)+val;
33                val=val-2;
34            }
35        }
36
37    }
38 }

```

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Please wait while we run the program ....

