

Hacker **Blocks**

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(/app/help)

(/app/competitions)

Contests (/app/contests) > ISA_Nov(Mayank) (/app/contests/3765)
> Content (/app/contests/3765/185) > Problem

Pattern Numbers & Stars - 2

Medium**131****100**

Difficulty

Submissions

Max Points

Status: Accepted**100/100 Points****Problem**

Submissions

Leaderboard

Discuss

Take as input N, a number. Print the pattern as given in the input and output section.

Input Format

Enter value of N

Constraints $1 \leq N < 10$ **Output Format**

Print the pattern.

Sample Input**Sample Output**

HackerBlocks



```
1*****
12*****
123*****
1234***
12345**
123456*
1234567
```



(/app/dcb)



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Explanation

There is no space between any two numbers.
Catch the pattern for corresponding input and
print them accordingly.

{...} Code Editor

C++



```
1  #include <iostream>
2  using namespace std;
3  int main ()
4  {
5      int i, j, n;
6      cin >> n;
7      //loop for each row
8      for (i = 1; i <= n; i++)
9      {
10         // work for numbers
11         for (j = 1; j <= i; j++)
12             cout << j;
13         // work for stars
14         for (j = 1; j <= n - i; j++)
15             cout << "*";
16         cout << endl;
17     }
18     return 0;
19 }
20
```

^ Provide Custom Input

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Compilation Successful

```
1*****  
12*****  
123*****  
1234*****  
12345*****  
123456*  
1234567
```

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