

GE23131-Programming Using C-2025

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Status	Finished
Started	Saturday, 1 November 2025, 3:41 PM
Completed	Saturday, 1 November 2025, 3:50 PM
Duration	9 mins 29 secs

Question **1**

Correct

Flag question

The number of rows N is passed as the input. The program must print the half pyramid using asterisk *.

Input Format:

The first line contains N.

Output Format:

N lines representing the half pyramid pattern using * (A single space is used to separate the *)

Boundary Conditions:

2 <= N <= 100

Example Input/Output 1:

Input:

5

Output:

*
* *
* * *
* * * *
* * * * *

Example Input/Output 2:

Input:

3

Output:

*
* *
* * *

For example:

Input	Result
5	* * * * * * * * * * * * * * *
3	* * * * * *

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main(){
3
4     int n;
5     scanf("%d",&n);
6
7
8     for(int i=1;i<=n;i++){
9         for(int j=1;j<=i;j++){
10             printf("* ");
11         }
12         printf("\n");
13     }
14
15
16
17
18     return 0;
19 }
```

	Input	Expected	Got	
	5	* * * * * * * * * * * * * * *	* * * * * * * * * * * * * * *	
	3	* * * * * *	* * * * * *	

Passed all tests!

Question **2**

Correct

Flag question

The number of rows N is passed as the input. The program must print the half pyramid using the numbers from 1 to N.

Input Format:

The first line contains N.

Output Format:

N lines representing the half pyramid pattern using the numbers from 1 to N. (A single space is used to separate the numbers)

Boundary Conditions:

2 <= N <= 100

Example Input/Output 1:

Input:

5

Output:

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

Example Input/Output 2:

Input:

3

Output:

1
1 2
1 2 3

For example:

Input	Result
5	1 1 2 1 2 3 1 2 3 4 1 2 3 4 5
3	1 1 2 1 2 3

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main(){
3
4     int n;
5     scanf("%d",&n);
6
7
8     for(int i=1;i<=n;i++){
9         for(int j=1;j<=i;j++){
10             printf("%d ",j);
11         }
12         printf("\n");
13     }
14
15
16
17
18     return 0;
19 }
```

	Input	Expected	Got	
	5	1 1 2 1 2 3 1 2 3 4 1 2 3 4 5	1 1 2 1 2 3 1 2 3 4 1 2 3 4 5	
	3	1 1 2 1 2 3	1 1 2 1 2 3	

Passed all tests!