

Status	Finished
Started	Sunday, 2 November 2025, 10:10 PM
Completed	Sunday, 2 November 2025, 10:30 PM
Duration	20 mins 11 secs

Question **1**

Correct

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:

$2 \leq N \leq 100$

Example Input/Output 1:

Input:

5

Output:

```
*  
* *  
* * *  
* * * *  
* * * * *
```

Example Input/Output 2:

Input:

3

Output:

```
*  
* *  
* * *
```

For example:

Input	Result
5	<pre>*</pre> <pre>* *</pre> <pre>* * *</pre> <pre>* * * *</pre> <pre>* * * * *</pre>
3	<pre>*</pre> <pre>* *</pre> <pre>* * *</pre>

Answer: (penalty regime: 0 %)

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



	Input	Expected	Got	
✓	5	<pre>*</pre> <pre>* *</pre> <pre>* * *</pre>	<pre>*</pre> <pre>* *</pre> <pre>* * *</pre>	✓

	Input	Expected	Got	
		* * * * * * * * *	* * * * * * * * *	
✓	3	*	*	✓
		*	*	
		*	*	

Passed all tests! ✓

Question 2

Correct

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:

$2 \leq N \leq 100$

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     for(int i=1;i<=N;i++)
7     {
8         for(int j=1;j<=i;j++)
9         {
10             printf("%d",j);
11             if(j<i)
12             {
13                 printf(" ");
14             }
15         }
16         printf("\n");
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! ✓