CODECHEF
An Educational Initiative

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## Code, Compile & Run

Ide ✖ +

Contest Code/Name ( e.g. RUN15/PRACTICE )

Problem Code/Name ( e.g. TEST )

Select

C ( gcc 6.3 ) ▾

Code gets autosaved every second

```c
1   #include <stdio.h>
2   int main()
3 ▾ {
4   int row, c, n;
5   printf("Enter the number of rows in pyramid of stars to print: ");
6   scanf("%d", &n);
7   printf("%d\n",n);
8   printf("The pyramid structure is: \n");
9   for (row= 1; row<=n; row++)
10 ▾ {
11  for (c= 1;c<=n-row; c++)
12  printf(" ");
13  for (c= 1;c<= 2*row-1; c++)
14  printf("*");
15  printf("\n") ;
16  }
17  return 0;
18  }
```

5:1

Open File

✓ Custom Input        Run

Custom Input

6

Status  Successfully executed    Date  2020-06-20 12:25:11    Time  0 sec    Mem  9,424 kB    ✖

Input

6

Output

The pyramid structure is:
```
     *
    ***
   *****
  *******
 *********
***********
```

O program to print pyramid like structure.

## Algorithm:

Step1: Start

Step2: Input n

Step3: Display the pyramid structure
  for(row=1; row<=n; row++)
  for (c=1; c<=n-row; c++)
  output " "
  for (c=1; c<= 2*row-1; c++)
    output *
    output \n

Step4: Stop.

## Flowchart: