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2020 ▼

C(gcc 6.3) ▼

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Code, Compile & Run

ide ✕ +

C++14 (gcc 6.3) ⌵ ⓘ ⏏ ↶ ⚙

```
1
2 #include<stdio.h>
3 int main()
4 {
5     int r, s, rows=0;
6     int t=0;
7     printf("Enter number of rows to print the pyramid: ");
8     scanf("%d", &rows);
9     printf("\n");
10    printf("The Pyramid Pattern for the number of rows are:");
11    printf("\n\n");
12    for(r=1; r<=rows; ++r, t=0)
13    {
14        for(s=1; s<=rows-r; ++s)
15        {
16            printf(" ");
17        }
18        while (t!=2*r-1)
19        {
20            printf("* ");
21            ++t;
22        }
23        printf("\n");
24    }
25 }
26 return 0;
27 }
```

242 ⏏

Open File

✓ Custom Input

Run

Custom Input

10
triangle

Status Successfully executed Date 2020-06-15 05:58:15 Time 0 sec Mem 15.232 kB ✕

Input

10
triangle

Output

Enter number of rows to print the pyramid:
The Pyramid Pattern for the number of rows are:

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

Code, Compile & Run

ide

C++14 (gcc 6.3)

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242

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Input

```
10
triangle
```

Output

```

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

Code, Compile & Run

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[Open File](#)☒ Custom Input[Run](#)

Custom Input

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Input

```
10
triangle
```

Output

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

C Program to print pyramid like structure

Algorithm:

Step 1: Start

Step 2: Declare Variables x, y, n, a, z, s

Step 3: Enter the limit

Step 4: Initialise the Value of Variables

$s = n, x = 0, y = 0, z = 6$

Step 5: Do the following operations in loop

a) $x = 0$ to n

b) $a = 1, x++$

c) $z = 6$ to 0

d) print space

e) $z--$

f) $y = 0$ to x

g) print a

h) $a = a * (x - y) / (y + 1)$

i) $y = y + 1$

j) go to next line

Step 6: Repeat the process to n

Step 7: Print the final required triangle

Step 8: Stop

Flow chart:

