OR

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B.H. Rashmi

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Female Male Other

Siddapur, Karnataka, India

Student Professional Other

Alvas Institute of Engineering &

2020

C(gcc 6.3)

Send me newsletter & contest invitations.

I abide by CodeChef's Code Of Conduct.

Register

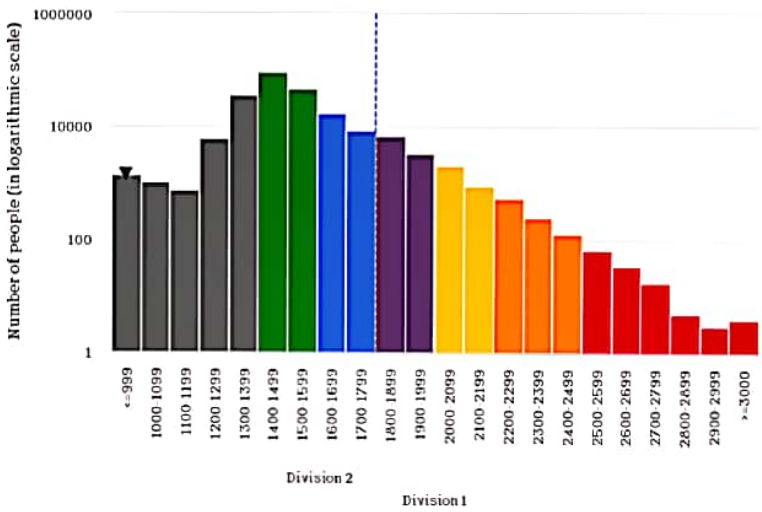
# B.H. Rashmi

| | |
|---|---|
| Username: | rashmi_2001 |
| Country: | India |
| State: | Karnataka |
| City: | Siddapur |
| Student/Professional: | Student |
| Institution: | Alvas Institute of Engineering and Technology Karnataka, India |
| Teams List: | List of teams by B.H. Rashmi |
| Team Invites: | Click here to check team invites. 0 |

## Rating Graphs

CodeChef | Long Challenge | Cook Off | Lunch Time


## CodeChef Rating Distribution




0

CodeChef Rating
(Highest Rating 0)

| Global Rank | Country Rank |
|---|---|
| NA | NA |

| Contests | Rating | Global Rank | Country Rank |
|---|---|---|---|
| Long Challenge | 0 | NA | NA |
| Cook-off | 0 | NA | NA |
| Lunch Time | 0 | NA | NA |

## Recent Activity

| Date/Time | Problem | Result | Lang |
|---|---|---|---|
| No Recent Activity | | | |

# Code, Compile & Run

Ide

C++14 (gcc 6.3)

```
#include<stdio.h>
int main()
{
    int r, s, rows=0;
    int t=0;
    printf("Enter number of rows to print the pyramid: ");
    scanf("%d", &rows);
    printf("\n");
    printf("The Pyramid Pattern for the number of rows are:");
    printf("\n\n");
    for(r=1;r<=rows;++r,t=0)
    {
        for(s=1; s<=rows-r; ++s)
        {
            printf(" ");
        }
        while (t!=2*r-1)
        {
            printf("* ");
            ++t;
        }
        printf("\n");
    }
    return 0;
}
```

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:

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

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Input

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10
triangle
```

Output

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

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Input

```
10
triangle
```

Output

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

B.H. Rashmi 4AL19CS018 F - Section

# 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 : Initialize the value of variables,

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

step 5 : Do the following operations in loop

(a) x=0 to n

(b) a=1, x++

(c) z=s 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.

Flowchart :-