Pushpitha P

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Country:	India
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Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by Pushpitha P
Team Invites:	Click here to check team invites

0

CodeChef Rating

(Highest Rating 0)

NA Global Rank | NA Country Rank

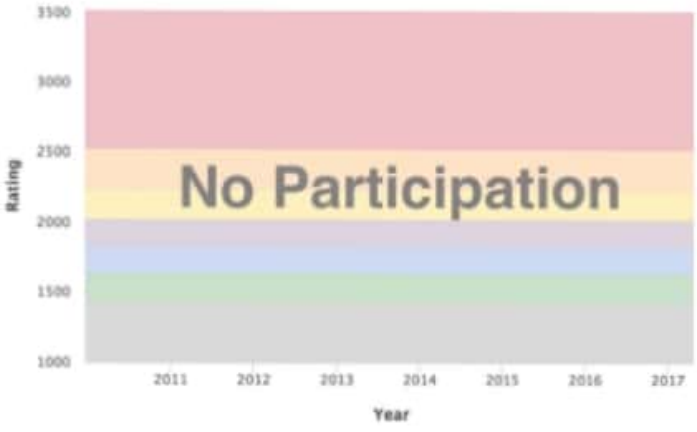
Contests	Rating	Global Rank	Country Rank
Long Challenge	0	NA	NA
Cook-off	0	NA	NA
Lunch Time	0	NA	NA

Recent Activity

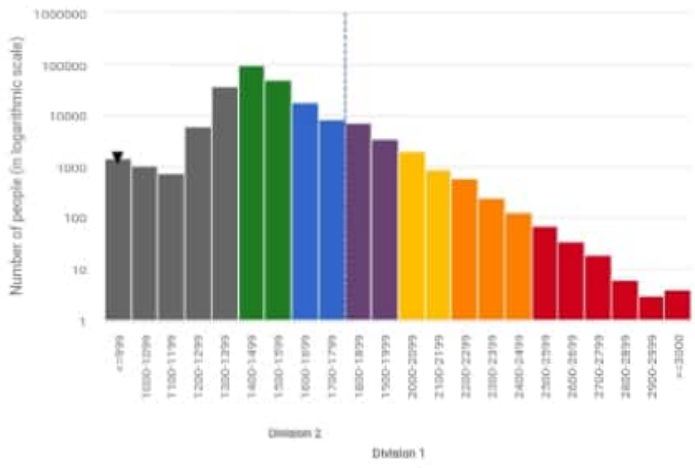
Date/Time	Problem	Result	Lang
No Recent Activity			

Rating Graphs

CodeChef | Long Challenge | Cook Off | Lunch Time



CodeChef Rating Distribution



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)

```
#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;
}
```

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Open File Custom Input Run

Custom Input

```
10
triangle
```

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Input

```
10
triangle
```

Output

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

Code, Compile & Run

Ide

C++14 (gcc 6.3)

```
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Custom Input

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triangle
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Input

```
10
triangle
```

Output

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

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.

5.1 x = 0 to n

5.2 a = 1, x++

5.3 z = s to 0

5.4 print space.

5.5 . z —

5.6 = y = 0 to x

5.7 = print a

5.8 = a = a*(x-y)/(y+1)

5.9 = y = y+1

Step 6 :- go to next line

Step 7. Repeat the process to n

Step 8. print the final required triangle

Step 9. Stop.

Flowchart