

CP Club 365Days Challenge

Date – 02/11/2022 Programming language – only C language

Problem Statement

Write the code not just for one input but for many more.(Dynamic code)

Code must be in C language only

Print the sand glass pattern based on the input given by the user.

Example:



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Department of Information and Communication Technology

Sem: 5 Name: Pushti Depani

Day: 16 Date: 02/11/2022 Enrollment No: 92000133018

Your Code:

#include<stdio.h>

```
int main()
{
      int r, c, n;
  printf("Enter number of n: ");
      scanf("%d",&n);
      for(r=n; r>=1; r--)
      for(c=r; c<n; c++)
      printf(" ");
      for(c=1; c<=(2*r-1); c++)
      printf("*");
      printf("\n");
      for(r=1; r<=n; r++)
      for(c=r; c<n; c++)
      printf(" ");
      for(c=1; c<=(2*r-1); c++)
```



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Output (Screen Shot):

Understanding about problem:

From this program I have learnt how to use multiple for loops to solve the pattern program.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club