 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 5</b>	<b>Name : Pushti Depani</b>	
<b>Day : 16</b>	<b>Date : 02/11/2022</b>	<b>Enrollment No: 92000133018</b>

## 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:**

Input : 5

Output :

```

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

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### 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++)
```

