Daily Challenge **Happy Coding from necse** **SKILLRACK**

Pattern Printing Middle Letter - Odd Length String [ZOHO]

An odd length string S is passed as the input. The program must print the pattern as described below.

Let L be the length of the string and M denote the middle position of the string S. The characters in the string are a(1),...., a(M), ... a(L).
- The first line will contain the middle letter a(M) of S in the extreme right.
- Then in each subsequent line, the letters after the middle letter from a(M+1) to a(L) is appended to the line output.
- After the end of the string a(L) is reached, in each subsequent line, the letters from the beginning to the middle letter, a(1) to a(M-1) are appended to the line output.

Note: Asterisk * will be used to pad in the front so that each line has L characters

Input Format:
The first line will contain S.

Output Format:
L lines as output where L is the length of the string S.

Boundary Conditions:
3 <= L <= 1001

Example Input/Output 1:
Input:
CRY

Output:
**R
*RY
RYC

Example Input/Output 2:
Input:
PROGRAM

Output:
******G
*****GR
****GRA
***GRAM
**GRAMP
*GRAMPR
GRAMPRO

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)

```java
import java.util.*;
public class Hello {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        String x = sc.nextLine();

        String n = x.substring(x.length()/2)+x.substring(0,x.length()/2);


        int stars = n.length()-1;

        for(int i=0;i<x.length();i++){
            for(int j=0;j<stars;j++) System.out.print("*");
            System.out.println(n.substring(0,i+1));
            stars--;
        }



    }
}
```

1912067@nec

Save Run