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shariprakashcece ▾

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# STRINGPATTERN1

Problem

Submissions

Leaderboard

Discussions

String pattern

Input Format

String-&gt;str

Constraints

No constraints

Output Format

Print the pattern

Sample Input 0

sample

Sample Output 0

```
plesam
plesa
ples
ple
pl
p
```

Sample Input 1

edit

Sample Output 1

```
ited
ite
it
i
```

[f](#) [t](#) [in](#)

Submissions: 21

Max Score: 100

Difficulty: Medium

Rate This Challenge:

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[More](#)

Java 15



```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         String str = sc.next();
9         int n = getLength(str);
10    }
```

```
11  ▼      for(int i = 0; i < n / 2; i++){
12  ▼          for(int j = 0; j < i; j++){
13              System.out.print(" ");
14          }
15  ▼          for(int j = n / 2; j < n; j++){
16              System.out.print(str.charAt(j));
17          }
18  ▼          for(int j = 0; j < n / 2 - i; j++){
19              System.out.print(str.charAt(j));
20          }
21          System.out.println();
22      }
23
24  ▼      for(int i = 0; i < (n + 1) / 2; i++){
25  ▼          for(int j = (n + 1) / 2; j < n + i ; j++){
26              System.out.print(" ");
27          }
28  ▼          for(int j = n / 2; j < n - i; j++){
29              System.out.print(str.charAt(j));
30          }
31          System.out.println();
32      }
33  }
34
35  ▼      public static int getLength(String str){
36          int count = 0;
37          try{
38  ▼              while(true){
39                  str.charAt(count++);
40              }
41  ▼          }catch(Exception e){
42              return(count - 1);
43          }
44      }
45  }
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code