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Java Week 8: Q4

Due on 2020-03-26, 23:59 IST

Write a program to print symmetric Pascal's triangle of "*" 's of height "l" of odd length . If input "l" is even then your program will print "Invalid line number".

For example:

input : 5
output:

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

input : 6

output:

Invalid line number

Note: Spaces must be exactly same as in the example for correct evaluation.

Your last recorded submission was on 2020-03-26, 23:40 IST

Select the Language for this assignment. Java ▼

File name for this program : Pattern4.java

```
1 import java.util.*;
2 public class Pattern4 {
3     public static void main(String[] args) {
4         Scanner inr = new Scanner(System.in);
5       int l = inr.nextInt();
```

```
6         // Add the necessary code in the below space
7       int n= l;
8        if(n%2==0)
9          System.out.print("Invalid line number");
10      else{
11        for(int i=0;i<(n-1)/2;i++){
12          for(int j=0;j<n/2-i;j++)
13            System.out.print(" ");
14          for(int j=0;j<=i;j++)
15            System.out.print("* ");
16          System.out.println();
17        }
18        for(int i=0;i<=n/2;i++) System.out.print("* ");
19        System.out.println();
20        for(int i=n/2-1;i>=0;i--){
21          for(int j=1;j<n/2-i;j++)
22            System.out.print(" ");
23          for(int j=0;j<=i;j++)
24            System.out.print(" *");
```

You may submit any number of times before the due date. The final submission will be considered for grading.

This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program , your assignment will not be graded and you will not see your score after the deadline.

Save as Draft	Compile & Run	Submit	Reset

Private Test cases used for Evaluation Status

Test Case 1	Passed
Test Case 2	Passed

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