

```
1 // making diamonds with stars
2 import java.util.Scanner;
3 public class Solution {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         int B, Y, i, j;
7         Y = 1;
8         System.out.print("ENTER A ODD NUMBER ( EXCEPT 1) : ");
9         int S = input.nextInt();
10        B = S / 2;
11        for (i = 0; i < S; i = i + 1) {
12            for (j = 0; j < B; j = j + 1) {
13                System.out.print(" ");
14            }
15            for (j = 0; j < Y; j = j + 1) {
16                System.out.print("*");
17            }
18            if (i < S / 2) {
19                B = B - 1;
20                Y = Y + 2;
21            } else {
22                B = B + 1;
23                Y = Y - 2;
24            }
25            System.out.println("");
26        }
27
28
29
30
31
32
33
34    }
35 }
36
```