

```
package labs.lab2.pro4;

import java.util.Scanner;

public class Lab2_Pro4_64010009 {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        int number_of_lines;

        while (true) {

            System.out.print("Enter the number of lines: ");
            number_of_lines = scanner.nextInt();

            if (number_of_lines  $\geq$  1) break;
            System.out.println("ERROR: input cannot be less than one");
        }
        scanner.close();

        for (int y = 0; y < number_of_lines; y++) {
            for (int x = -number_of_lines + 1; x  $\leq$  number_of_lines - 1; x++) {

                if (y  $\geq$  Math.abs(x)) System.out.print((Math.abs(x) + 1) + " ");
                else System.out.print(" ");
            }
            System.out.print("\n");
        }
    }
}
```