**Triangle of Numbers**

import java.util.Scanner;

public class Solution {

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

int n = scan.nextInt();

int i = 1;

while (i <= n) {

int s = 1;

while (s <= n - i) {

System.out.print(" ");

s++;

}

int j = 1, p = 0;

while (j <= i) {

System.out.print(p+i);

p++;

j++;

}

j = 1;

p = p+i-j-1;

while (j <= i - 1) {

System.out.print(p);

p--;

j++;

}

System.out.println();

i++;

}

}

}