package assignment23;

import java.util.Scanner;

public class Assignment23 {

public static void printHeader() {

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("DRAW A TRIANGLE");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("");

}

public static int askLineCount() {

int lineInput;

System.out.println("How many lines? ");

Scanner sc = new Scanner(System.in);

lineInput = sc.nextInt();

return lineInput;

}

public static String askCharacter() {

String charInput;

System.out.println("Which character to use?");

Scanner sc = new Scanner(System.in);

charInput = sc.nextLine();

return charInput;

}

public static void printLine(int spaceCount, int charCount, String charToPrint) {

int i;

// Print the spaces

for (i=1; i<=spaceCount; i++) {

System.out.print(" ");

}

// Print the characters

for (i=1; i<=charCount; i++) {

System.out.print(charToPrint);

}

System.out.println("");

}

public static void main(String[] args) {

int i;

int lineCount;

int space, charCount;

String characterToPrint;

printHeader();

lineCount = askLineCount();

characterToPrint = askCharacter();

for (i=1; i<=lineCount; i++) {

space = lineCount - i;

charCount = (i\*2)-1;

printLine(space, charCount, characterToPrint);

}

}

}