import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.println("How many rows: ");

int N = scanner.nextInt();

for (int i = 1; i <= N; ++i) {

for (int j = 1; j <= i; ++j) {

System.out.print(j + " ");

}

System.out.println();

}

}

}

